Unwanted Emissions data(9 kHz ~ 40 GHz) : *TM 2*

Band	Tested Frequency (MHz)	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	TF (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	5 180	5 143.45	H	Z	PK	51.93	2.75	N/A	N/A	54.68	74.00	19.32
		5 143.98	H	Z	AV	41.34	2.75	0.72	N/A	44.81	54.00	9.19
		10 359.47	V	Z	PK	43.94	9.22	N/A	N/A	53.16	68.20	15.04
	5 200	10 400.30	V	Z	PK	44.08	9.20	N/A	N/A	53.28	68.20	14.92
	5 240	10 479.26	V	Z	PK	43.38	9.47	N/A	N/A	52.85	68.20	15.35
U-NII 2A	5 260	10 520.77	V	Z	PK	44.71	9.51	N/A	N/A	54.22	68.20	13.98
	5 300	10 595.83	V	Z	PK	44.68	9.39	N/A	N/A	54.07	68.20	14.13
		10 604.20	V	Z	PK	45.73	9.38	N/A	N/A	55.11	74.00	18.89
		10 606.46	V	Z	AV	34.93	9.38	0.72	N/A	45.03	54.00	8.97
	5 320	5 351.34	H	Z	PK	58.08	3.20	N/A	N/A	61.28	74.00	12.72
		5 351.75	H	Z	AV	46.73	3.21	0.72	N/A	50.66	54.00	3.34
		10 638.51	V	Z	PK	45.22	9.33	N/A	N/A	54.55	74.00	19.45
		10 638.76	V	Z	AV	34.37	9.33	0.72	N/A	44.42	54.00	9.58
U-NII 2C	5 500	5 457.62	H	Z	PK	55.62	3.56	N/A	N/A	59.18	74.00	14.82
		5 465.63	H	Z	PK	55.31	3.60	N/A	N/A	58.91	68.20	9.29
		5 457.69	H	Z	AV	44.72	3.56	0.72	N/A	49.00	54.00	5.00
		11 000.82	V	Z	PK	45.62	8.88	N/A	N/A	54.50	74.00	19.50
		11 001.08	V	Z	AV	35.69	8.88	0.72	N/A	45.29	54.00	8.71
	5 580	11 155.59	V	Z	PK	44.91	9.00	N/A	N/A	53.91	74.00	20.09
		11 156.53	V	Z	AV	34.66	9.00	0.72	N/A	44.38	54.00	9.62
	5 700	5 727.52	H	Z	PK	59.52	3.59	N/A	N/A	63.11	68.20	5.09
	5 720	11 440.31	V	Z	PK	44.82	9.21	N/A	N/A	54.03	74.00	19.97
		11 440.44	V	Z	AV	35.44	9.21	0.72	N/A	45.37	54.00	8.63
U-NII 3	5 745	5 637.40	H	Z	PK	55.21	3.56	N/A	N/A	58.77	68.20	9.43
		5 680.90	H	Z	PK	59.23	3.49	N/A	N/A	62.72	91.07	28.35
		11 490.34	V	Z	PK	47.12	9.24	N/A	N/A	56.36	74.00	17.64
		11 490.18	V	Z	AV	37.08	9.24	0.72	N/A	47.04	54.00	6.96
	5 785	11 567.93	V	Z	PK	46.89	9.33	N/A	N/A	56.22	74.00	17.78
		11 568.08	V	Z	AV	36.41	9.33	0.72	N/A	46.46	54.00	7.54
	5 825	5 876.09	H	Z	PK	55.91	3.92	N/A	N/A	59.83	104.39	44.56
		5 988.01	H	Z	PK	51.68	5.04	N/A	N/A	56.72	68.20	11.48
		11 649.67	V	Z	PK	46.86	9.48	N/A	N/A	56.34	74.00	17.66
		11 649.80	V	Z	AV	36.30	9.48	0.72	N/A	46.50	54.00	7.50

Unwanted Emissions data(9 kHz ~ 40 GHz) : *TM 3*

Band	Tested Frequency (MHz)	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	TF (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	5 190	5 149.09	H	Z	PK	53.66	2.77	N/A	N/A	56.43	74.00	17.57
		5 148.77	H	Z	AV	42.52	2.77	1.36	N/A	46.65	54.00	7.35
		10 380.08	V	Z	PK	44.23	9.21	N/A	N/A	53.44	68.20	14.76
	5 230	10 460.18	V	Z	PK	44.20	9.40	N/A	N/A	53.60	68.20	14.60
U-NII 2A	5 270	10 538.72	V	Z	PK	45.27	9.48	N/A	N/A	54.75	68.20	13.45
	5 310	5 352.10	H	Z	PK	59.33	3.21	N/A	N/A	62.54	74.00	11.46
		5 352.27	H	Z	AV	46.58	3.21	1.36	N/A	51.15	54.00	2.85
		10 613.40	V	Z	PK	44.51	9.37	N/A	N/A	53.88	74.00	20.12
		10 613.14	V	Z	AV	34.03	9.37	1.36	N/A	44.76	54.00	9.24
U-NII 2C	5 510	5 459.78	H	Z	PK	55.21	3.57	N/A	N/A	58.78	74.00	15.22
		5 467.79	H	Z	PK	61.25	3.61	N/A	N/A	64.86	68.20	3.34
		5 459.70	H	Z	AV	44.55	3.57	1.36	N/A	49.48	54.00	4.52
		11 018.11	V	Z	PK	45.53	8.92	N/A	N/A	54.45	74.00	19.55
		11 017.38	V	Z	AV	34.94	8.92	1.36	N/A	45.22	54.00	8.78
	5 550	11 095.37	V	Z	PK	46.05	8.99	N/A	N/A	55.04	74.00	18.96
		11 095.09	V	Z	AV	34.72	8.99	1.36	N/A	45.07	54.00	8.93
	5 670	5 725.70	H	Z	PK	56.25	3.56	N/A	N/A	59.81	68.20	8.39
	5 710	11 419.98	V	Z	PK	45.29	9.17	N/A	N/A	54.46	74.00	19.54
		11 419.76	V	Z	AV	34.98	9.17	1.36	N/A	45.51	54.00	8.49
U-NII 3	5 755	5 646.15	H	Z	PK	54.25	3.56	N/A	N/A	57.81	68.20	10.39
		5 718.90	H	Z	PK	73.97	3.51	N/A	N/A	77.48	110.49	33.01
		11 516.15	V	Z	PK	46.33	9.24	N/A	N/A	55.57	74.00	18.43
		11 515.35	V	Z	AV	35.77	9.24	1.36	N/A	46.37	54.00	7.63
	5 795	5 882.28	H	Z	PK	53.42	4.02	N/A	N/A	57.44	99.81	42.37
		5 927.28	H	Z	PK	52.24	4.60	N/A	N/A	56.84	68.20	11.36
		11 590.42	V	Z	PK	46.04	9.42	N/A	N/A	55.46	74.00	18.54
		11 590.27	V	Z	AV	35.27	9.42	1.36	N/A	46.05	54.00	7.95

Unwanted Emissions data(9 kHz ~ 40 GHz) : *TM 4*

Band	Tested Frequency (MHz)	Freq. (MHz)	ANT Pol	EUT Position (Axis)	Detector Mode	Reading (dBuV)	TF (dB/m)	DCCF (dB)	DCF (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)
U-NII 1	5 210	5 149.34	H	Z	PK	56.65	2.77	N/A	N/A	59.42	74.00	14.58
		5 149.65	H	Z	AV	45.82	2.77	2.35	N/A	50.94	54.00	3.06
		10 420.59	V	Z	PK	44.14	9.27	N/A	N/A	53.41	68.20	14.79
U-NII 2A	5 290	5 351.12	H	Z	PK	56.78	3.20	N/A	N/A	59.98	74.00	14.02
		5 350.80	H	Z	AV	45.39	3.20	2.35	N/A	50.94	54.00	3.06
		10 579.76	V	Z	PK	44.46	9.42	N/A	N/A	53.88	68.20	14.32
U-NII 2C	5 530	5 459.67	H	Z	PK	57.26	3.57	N/A	N/A	60.83	74.00	13.17
		5 469.75	H	Z	PK	60.64	3.62	N/A	N/A	64.26	68.20	3.94
		5 459.09	H	Z	AV	45.21	3.56	2.35	N/A	51.12	54.00	2.88
		11 060.82	V	Z	PK	45.84	8.99	N/A	N/A	54.83	74.00	19.17
		11 060.91	V	Z	AV	35.14	8.99	2.35	N/A	46.48	54.00	7.52
	5 690	11 380.69	V	Z	PK	44.64	9.13	N/A	N/A	53.77	74.00	20.23
		11 380.42	V	Z	AV	34.54	9.13	2.35	N/A	46.02	54.00	7.98
U-NII 3	5 775	5 648.20	H	Z	PK	56.01	3.56	N/A	N/A	59.57	68.20	8.63
		5 721.00	H	Z	PK	77.10	3.52	N/A	N/A	80.62	113.08	32.46
		5 860.72	H	Z	PK	71.94	3.64	N/A	N/A	75.58	109.20	33.62
		5 927.60	H	Z	PK	53.29	4.60	N/A	N/A	57.89	68.20	10.31
		11 548.97	V	Z	PK	46.00	9.25	N/A	N/A	55.25	74.00	18.75
		11 549.21	V	Z	AV	34.67	9.25	2.35	N/A	46.27	54.00	7.73

5.6. AC Power-Line Conducted Emissions

▣ Test Requirements, §15.207 & RSS-Gen[8.8]

An intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 uH/50 ohm line impedance stabilization network (LISN).

Compliance with the provision of this paragraph shall on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower applies at the boundary between the frequency ranges.

Frequency Range (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15 ~ 0.5	66 to 56 *	56 to 46 *
0.5 ~ 5.0	56	46
5 ~ 30	60	50

* Decreases with the logarithm of the frequency

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

▣ Test Configuration

See test photographs for the actual connections between EUT and support equipment.

▣ Test Procedure

Conducted emissions from the EUT were measured according to the ANSI C63.10-2020.

1. The test procedure is performed in a 6.5 m × 3.5 m × 3.5 m (L × W × H) shielded room. The EUT along with its peripherals were placed on a 1.0 m (W) × 1.5 m (L) and 0.8 m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane.
2. The EUT was connected to power mains through a line impedance stabilization network (LISN) which provides 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room.
3. All peripherals were connected to the second LISN and the chassis ground also bounded to the horizontal ground plane of shielded room.
4. The excess power cable between the EUT and the LISN was bundled. The power cables of peripherals were unbundled. All connecting cables of EUT and peripherals were moved to find the maximum emission.

▣ Test Results: Comply

Refer to the next page. The worst case data was reported.

AC Power-Line Conducted Emissions (Graph)

Test Mode: U-NII 1 & TM 1 & 5 180 MHz

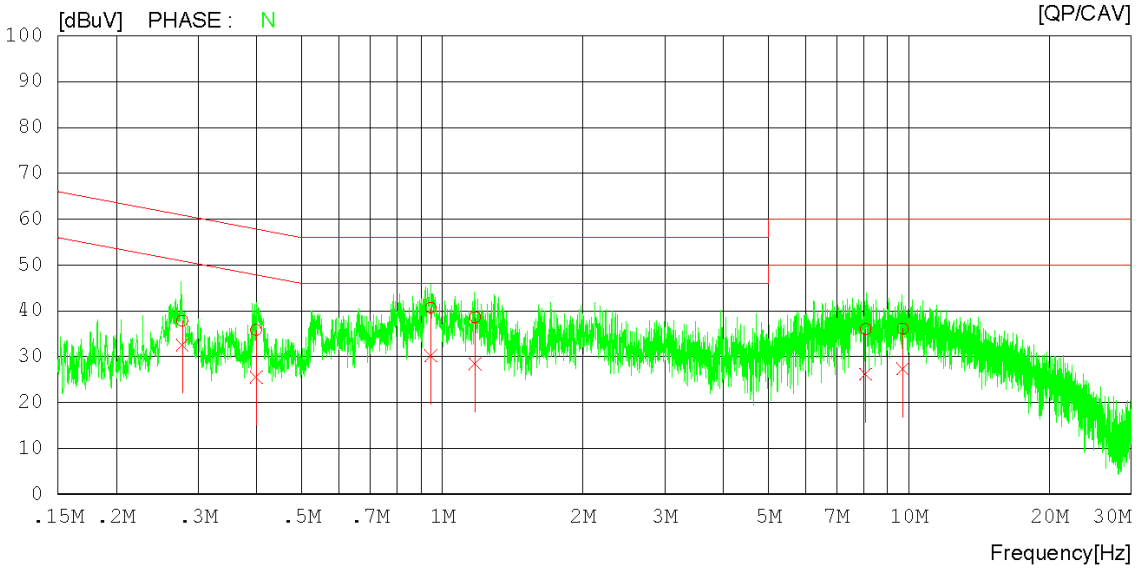
Results of Conducted Emission

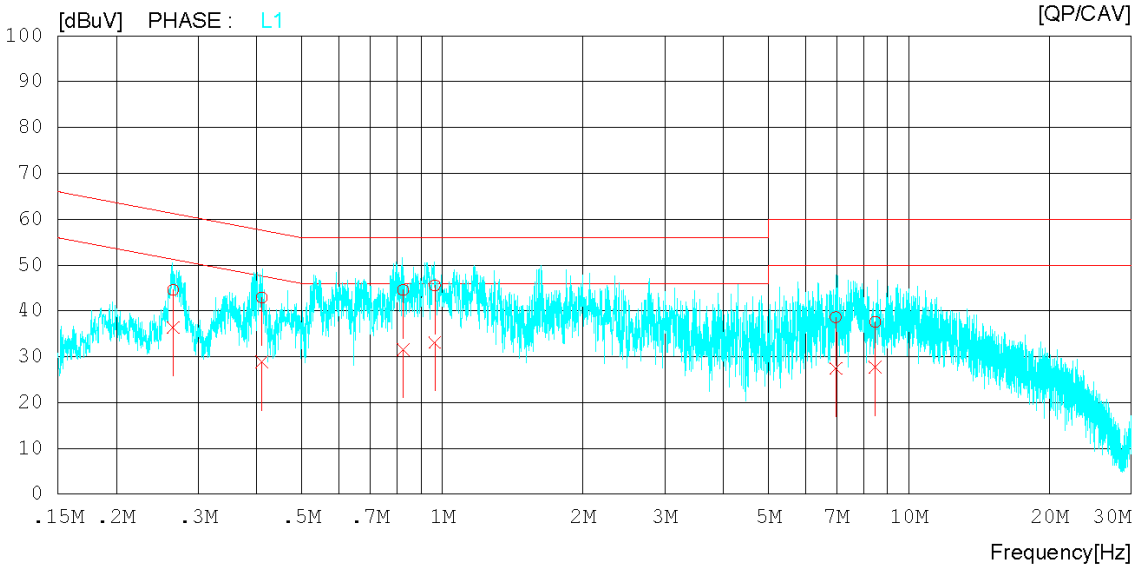
Date 2025-06-13

Order No.		Referrence No.	
Model No.	WC1NH25	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 41 %
Test Condition	UNII_1	Operator	S.M.GIL
Memo	802.11a_5180		

LIMIT : FCC P15.207 AV
FCC P15.207 QP

Lisn Factor
1. NSLK 8128 RC-387_N_24.10.21
2. NSLK 8128 RC-387_L1_24.10.21
Cable Loss
1. C1_LISN TO RECEIVER_2024-12-11
Pulse Lmitter
1. PULSE LIMITER_ESH3-Z2_101333_2024.08.21





AC Power-Line Conducted Emissions (Data List)

Test Mode: U-NII 1 & TM 1 & 5 180 MHz

Results of Conducted Emission

Date 2025-06-13

Order No.		Referrence No.	
Model No.	WC1NH25	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 41 %
Test Condition	UNII_1	Operator	S.M.GIL
Memo	802.11a_5180		

LIMIT : FCC P15.207 AV
FCC P15.207 QP

Lisn Factor
1. NSLK 8128 RC-387_N_24.10.21
2. NSLK 8128 RC-387_L1_24.10.21
Cable Loss
1. C1_LISN TO RECEIVER_2024-12-11
Pulse Lmitter
1. PULSE LIMITER_ESH3-Z2_101333_2024.08.21

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.27698	27.83	22.53	10.01	37.84	32.54	60.91	50.91	23.07	18.37	N
2	0.39890	25.83	15.53	10.03	35.86	25.56	57.88	47.88	22.02	22.32	N
3	0.94437	30.55	20.15	10.06	40.61	30.21	56.00	46.00	15.39	15.79	N
4	1.17460	28.52	18.36	10.06	38.58	28.42	56.00	46.00	17.42	17.58	N
5	8.08480	25.70	15.86	10.31	36.01	26.17	60.00	50.00	23.99	23.83	N
6	9.71700	25.74	17.02	10.35	36.09	27.37	60.00	50.00	23.91	22.63	N
7	0.26457	34.53	26.35	10.01	44.54	36.36	61.29	51.29	16.75	14.93	L1
8	0.41043	32.89	18.83	10.03	42.92	28.86	57.64	47.64	14.72	18.78	L1
9	0.82433	34.50	21.54	10.05	44.55	31.59	56.00	46.00	11.45	14.41	L1
10	0.96344	35.50	23.09	10.06	45.56	33.15	56.00	46.00	10.44	12.85	L1
11	6.97580	28.32	17.18	10.29	38.61	27.47	60.00	50.00	21.39	22.53	L1
12	8.48320	27.27	17.33	10.37	37.64	27.70	60.00	50.00	22.36	22.30	L1

AC Power-Line Conducted Emissions (Graph)

Test Mode: U-NII 2A & TM 1 & 5 260 MHz

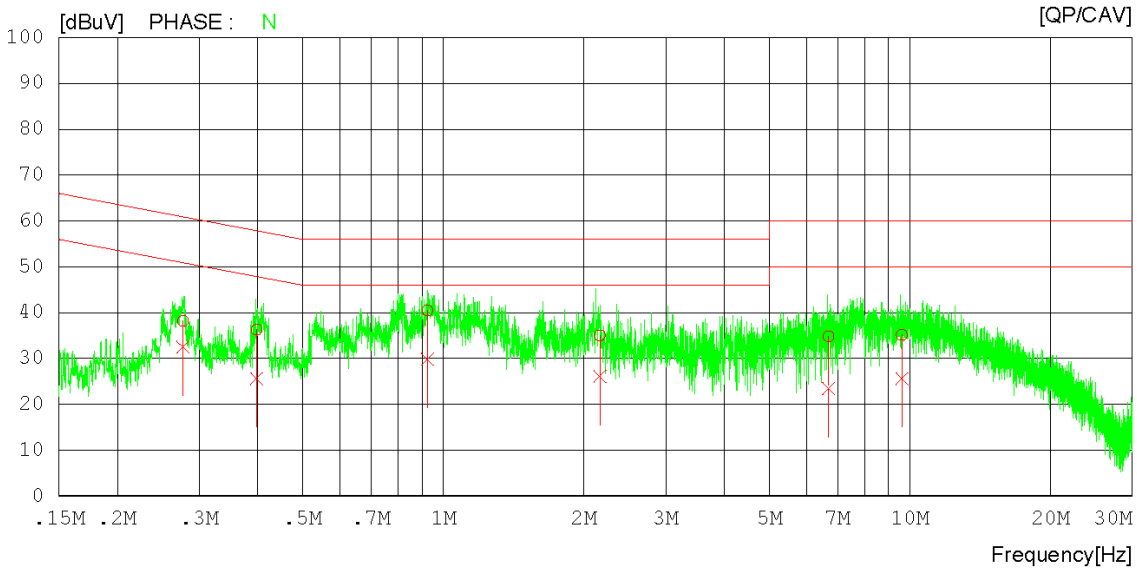
Results of Conducted Emission

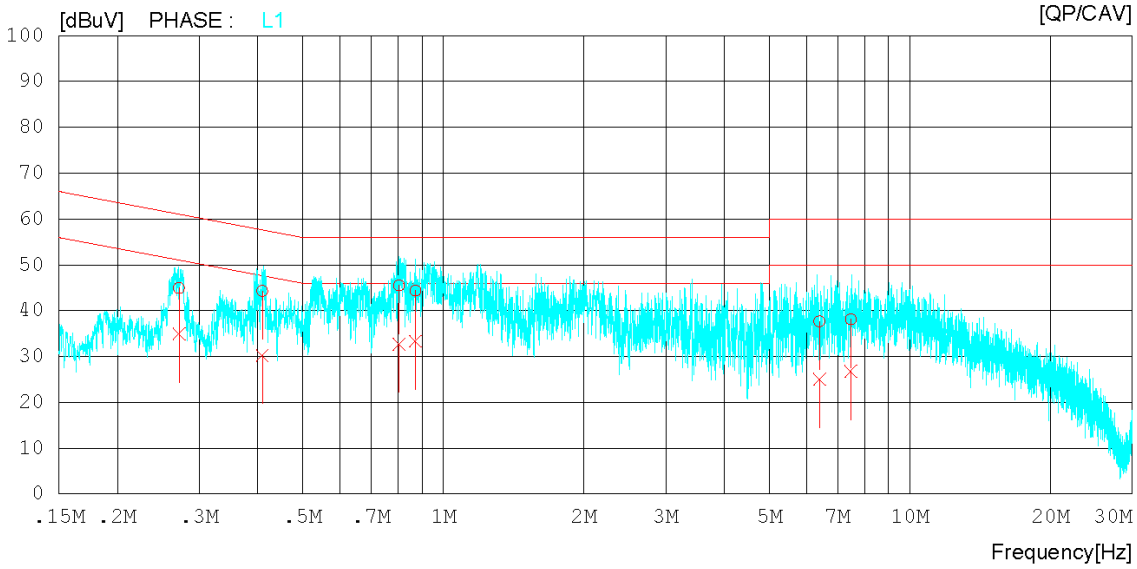
Date 2025-06-13

Order No.		Referrence No.	
Model No.	WC1NH25	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 41 %
Test Condition	UNII_2A	Operator	S.M.GIL
Memo	802.11a_5260		

LIMIT : FCC P15.207 AV
FCC P15.207 QP

Lisn Factor
1. NSLK 8128 RC-387_N_24.10.21
2. NSLK 8128 RC-387_L1_24.10.21
Cable Loss
1. C1_LISN TO RECEIVER_2024-12-11
Pulse Lmitter
1. PULSE LIMITER_ESH3-Z2_101333_2024.08.21





AC Power-Line Conducted Emissions (Data List)

Test Mode: U-NII 2A & TM 1 & 5 260 MHz

Results of Conducted Emission

Date 2025-06-13

Order No.		Referrence No.	
Model No.	WC1NH25	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 41 %
Test Condition	UNII_2A	Operator	S.M.GIL
Memo	802.11a_5260		

LIMIT : FCC P15.207 AV
FCC P15.207 QP

Lisn Factor
1. NSLK 8128 RC-387_N_24.10.21
2. NSLK 8128 RC-387_L1_24.10.21
Cable Loss
1. C1_LISN TO RECEIVER_2024-12-11
Pulse Lmitter
1. PULSE LIMITER_ESH3-Z2_101333_2024.08.21

NO	FREQ	READING		C.FACTOR	RESULT		LIMIT		MARGIN		PHASE
		QP	CAV		QP	CAV	QP	CAV	QP	CAV	
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.27684	28.15	22.49	10.01	38.16	32.50	60.91	50.91	22.75	18.41	N
2	0.39850	26.22	15.55	10.03	36.25	25.58	57.88	47.88	21.63	22.30	N
3	0.92477	30.36	19.79	10.06	40.42	29.85	56.00	46.00	15.58	16.15	N
4	2.16640	24.89	16.03	10.08	34.97	26.11	56.00	46.00	21.03	19.89	N
5	6.70320	24.49	13.07	10.29	34.78	23.36	60.00	50.00	25.22	26.64	N
6	9.61920	24.83	15.27	10.34	35.17	25.61	60.00	50.00	24.83	24.39	N
7	0.27145	34.93	24.92	10.01	44.94	34.93	61.07	51.07	16.13	16.14	L1
8	0.40890	34.30	20.22	10.03	44.33	30.25	57.67	47.67	13.34	17.42	L1
9	0.80442	35.46	22.65	10.05	45.51	32.70	56.00	46.00	10.49	13.30	L1
10	0.87164	34.29	23.28	10.06	44.35	33.34	56.00	46.00	11.65	12.66	L1
11	6.39960	27.41	14.73	10.28	37.69	25.01	60.00	50.00	22.31	24.99	L1
12	7.47340	27.75	16.48	10.32	38.07	26.80	60.00	50.00	21.93	23.20	L1

AC Power-Line Conducted Emissions (Graph)

Test Mode: U-NII 2C & TM 1 & 5 500 MHz

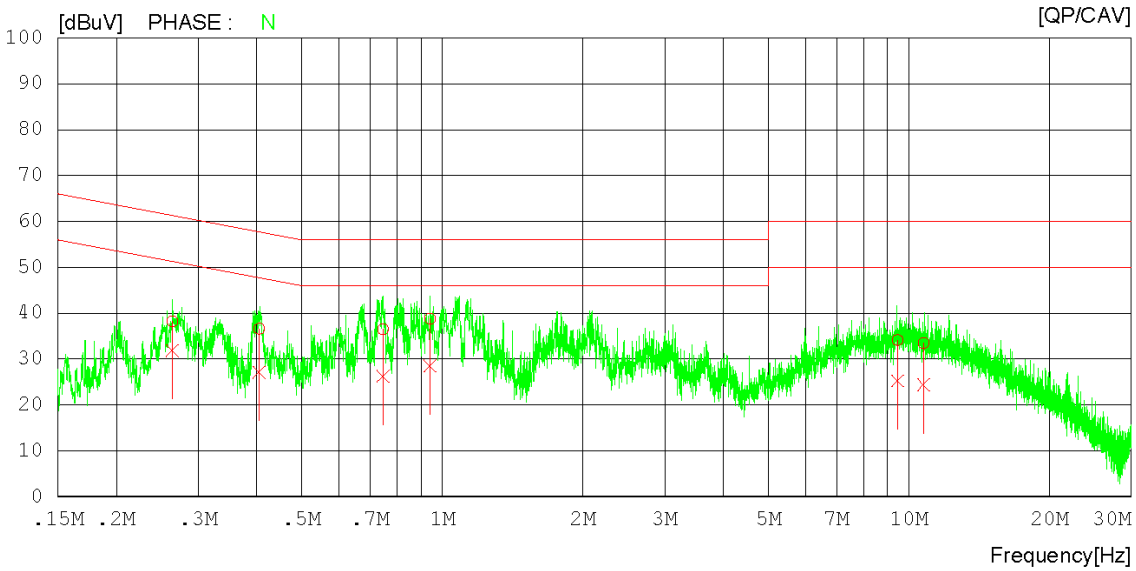
Results of Conducted Emission

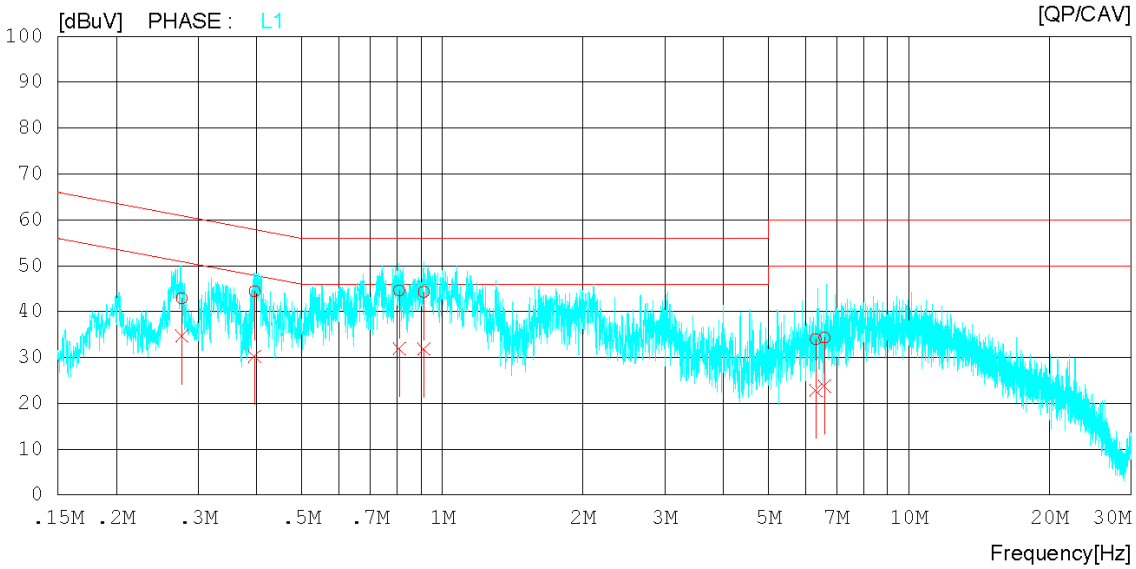
Date 2025-06-13

Order No.		Referrence No.	
Model No.	WC1NH25	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 41 %
Test Condition	UNII_2C	Operator	S.M.GIL
Memo	802.11a_5500		

LIMIT : FCC P15.207 AV
FCC P15.207 QP

Lisn Factor
1. NSLK 8128 RC-387_N_24.10.21
2. NSLK 8128 RC-387_L1_24.10.21
Cable Loss
1. C1_LISN TO RECEIVER_2024-12-11
Pulse Lmitter
1. PULSE LIMITER_ESH3-Z2_101333_2024.08.21





AC Power-Line Conducted Emissions (Data List)

Test Mode: U-NII 2C & TM 1 & 5 500 MHz

Results of Conducted Emission

Date 2025-06-13

Order No.		Referrence No.	
Model No.	WC1NH25	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 41 %
Test Condition	UNII_2C	Operator	S.M.GIL
Memo	802.11a_5500		

LIMIT : FCC P15.207 AV
FCC P15.207 QP

Lisn Factor
1. NSLK 8128 RC-387_N_24.10.21
2. NSLK 8128 RC-387_L1_24.10.21
Cable Loss
1. C1_LISN TO RECEIVER_2024-12-11
Pulse Lmitter
1. PULSE LIMITER_ESH3-Z2_101333_2024.08.21

NO	FREQ	READING QP	READING CAV	C.FACTOR	RESULT QP	RESULT CAV	LIMIT QP	LIMIT CAV	MARGIN QP	MARGIN CAV	PHASE
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.26406	28.20	21.83	10.01	38.21	31.84	61.30	51.30	23.09	19.46	N
2	0.40507	26.52	17.07	10.03	36.55	27.10	57.75	47.75	21.20	20.65	N
3	0.74658	26.43	16.23	10.05	36.48	26.28	56.00	46.00	19.52	19.72	N
4	0.94234	28.74	18.45	10.06	38.80	28.51	56.00	46.00	17.20	17.49	N
5	9.45960	23.78	14.90	10.34	34.12	25.24	60.00	50.00	25.88	24.76	N
6	10.75560	23.11	13.99	10.39	33.50	24.38	60.00	50.00	26.50	25.62	N
7	0.27644	32.92	24.67	10.01	42.93	34.68	60.92	50.92	17.99	16.24	L1
8	0.39603	34.38	20.20	10.03	44.41	30.23	57.94	47.94	13.53	17.71	L1
9	0.80850	34.59	21.93	10.05	44.64	31.98	56.00	46.00	11.36	14.02	L1
10	0.91375	34.24	21.83	10.06	44.30	31.89	56.00	46.00	11.70	14.11	L1
11	6.31900	23.70	12.58	10.28	33.98	22.86	60.00	50.00	26.02	27.14	L1
12	6.59520	24.03	13.54	10.28	34.31	23.82	60.00	50.00	25.69	26.18	L1

AC Power-Line Conducted Emissions (Graph)

Test Mode: U-NII 3 & TM 1 & 5 745 MHz

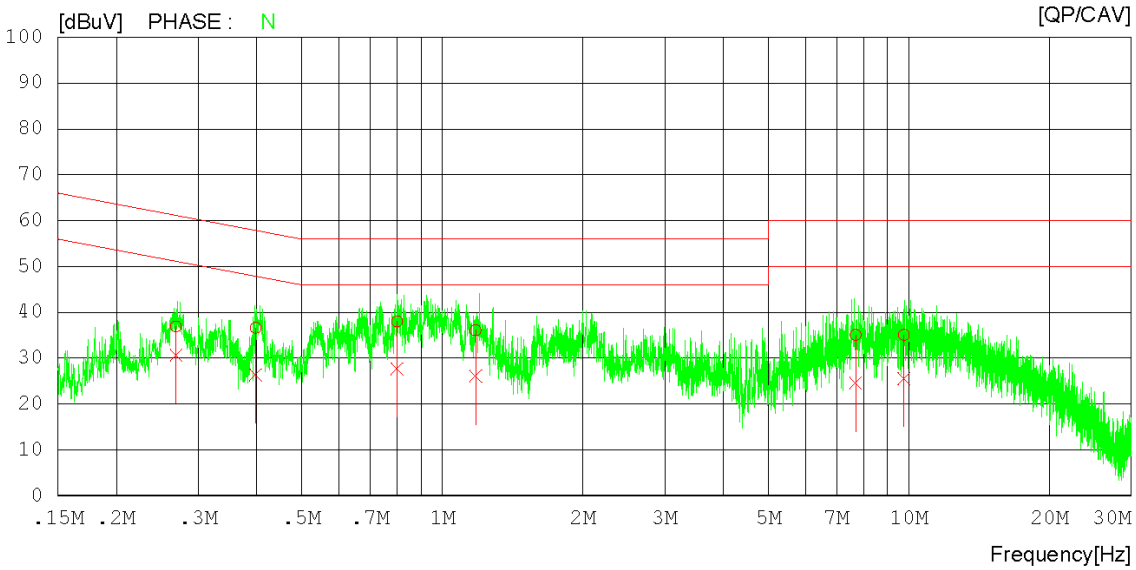
Results of Conducted Emission

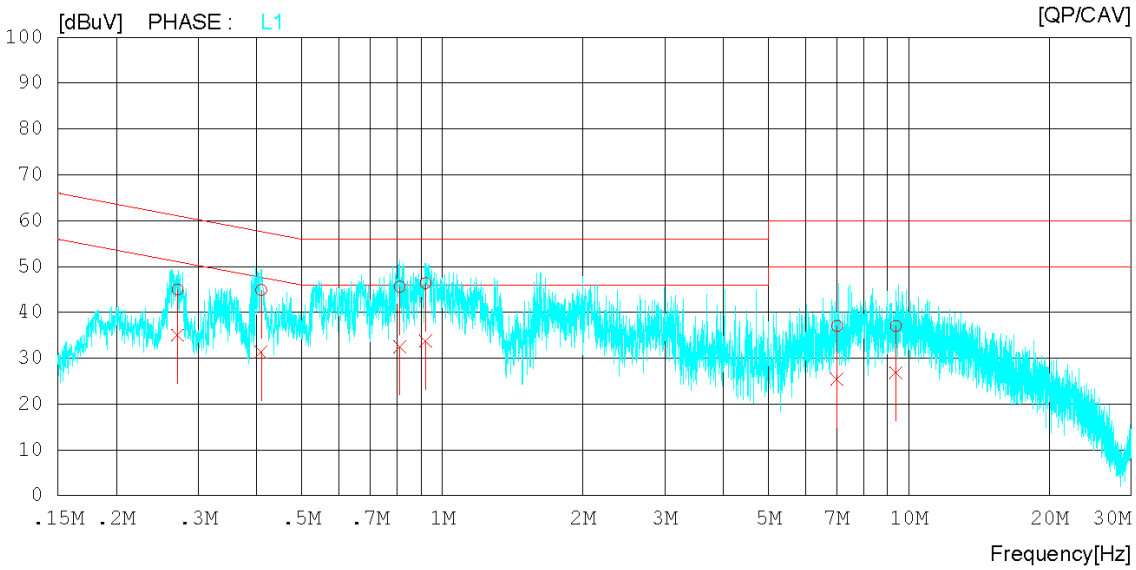
Date 2025-06-13

Order No.		Referrence No.	
Model No.	WC1NH25	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 41 %
Test Condition	UNII_3	Operator	S.M.GIL
Memo	802.11a_5745		

LIMIT : FCC P15.207 AV
FCC P15.207 QP

Lisn Factor
1. NSLK 8128 RC-387_N_24.10.21
2. NSLK 8128 RC-387_L1_24.10.21
Cable Loss
1. C1_LISN TO RECEIVER_2024-12-11
Pulse Lmitter
1. PULSE LIMITER_ESH3-Z2_101333_2024.08.21





AC Power-Line Conducted Emissions (Data List)

Test Mode: U-NII 3 & TM 1 & 5 745 MHz

Results of Conducted Emission

Date 2025-06-13

Order No.		Referrence No.	
Model No.	WC1NH25	Power Supply	120 V, 60 Hz
Serial No.		Temp/Humi.	23 'C / 41 %
Test Condition	UNII_3	Operator	S.M.GIL
Memo	802.11a_5745		

LIMIT : FCC P15.207 AV
FCC P15.207 QP

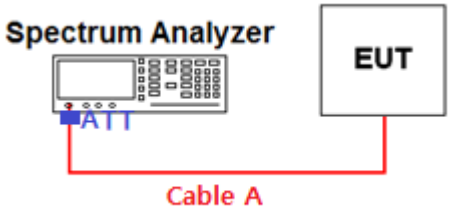
Lisn Factor
1. NSLK 8128 RC-387_N_24.10.21
2. NSLK 8128 RC-387_L1_24.10.21
Cable Loss
1. C1_LISN TO RECEIVER_2024-12-11
Pulse Lmitter
1. PULSE LIMITER_ESH3-Z2_101333_2024.08.21

NO	FREQ	READING		C.FACTOR	RESULT		LIMIT		MARGIN		PHASE
		QP	CAV		QP	CAV	QP	CAV	QP	CAV	
	[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	
1	0.26867	26.91	20.65	10.01	36.92	30.66	61.16	51.16	24.24	20.50	N
2	0.39827	26.54	16.30	10.03	36.57	26.33	57.89	47.89	21.32	21.56	N
3	0.79988	27.89	17.60	10.05	37.94	27.65	56.00	46.00	18.06	18.35	N
4	1.17820	26.04	16.00	10.06	36.10	26.06	56.00	46.00	19.90	19.94	N
5	7.69100	24.74	14.26	10.30	35.04	24.56	60.00	50.00	24.96	25.44	N
6	9.76800	24.70	15.24	10.35	35.05	25.59	60.00	50.00	24.95	24.41	N
7	0.27076	35.00	25.03	10.01	45.01	35.04	61.09	51.09	16.08	16.05	L1
8	0.40899	34.82	21.27	10.03	44.85	31.30	57.67	47.67	12.82	16.37	L1
9	0.81058	35.57	22.46	10.05	45.62	32.51	56.00	46.00	10.38	13.49	L1
10	0.92035	36.33	23.76	10.06	46.39	33.82	56.00	46.00	9.61	12.18	L1
11	7.02000	26.75	15.10	10.29	37.04	25.39	60.00	50.00	22.96	24.61	L1
12	9.38540	26.59	16.43	10.42	37.01	26.85	60.00	50.00	22.99	23.15	L1

APPENDIX I

Conducted Test set up Diagram

▪ Conducted Measurement



APPENDIX II

Duty Cycle Information

▣ Test Procedure

Duty Cycle [X = On Time / (On + Off time)] is measured using Measurement Procedure **of KDB789033 D02v02r01**

1. Set the center frequency of the spectrum analyzer to the center frequency of the transmission.
2. Set RBW ≥ EBW if possible; otherwise, set RBW to the largest available value.
3. Set VBW ≥ RBW. Set detector = peak.
4. Note : The zero-span measurement method shall not be used unless both **RBW and VBW are > 50 / *T***, where *T* is defined in section II.B.1.a), and **the number of sweep points across duration *T* exceeds 100**. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if *T* ≤ 16.7 microseconds.)

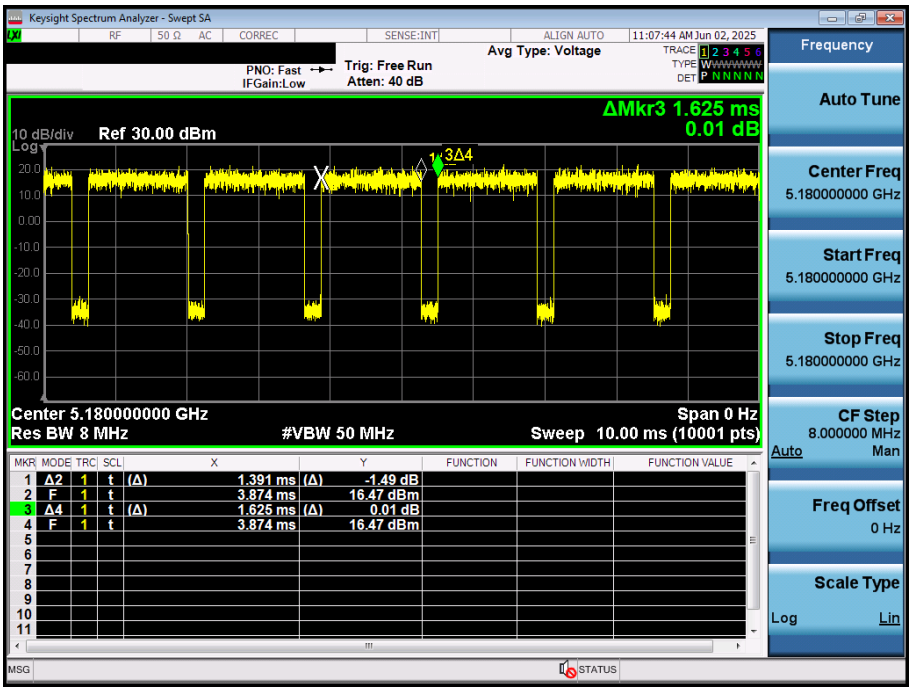
T : The minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
(***T* = On time** of the above table since the EUT operates with above fixed Duty Cycle and it is the minimum On time)

Duty Cycle Correction factor

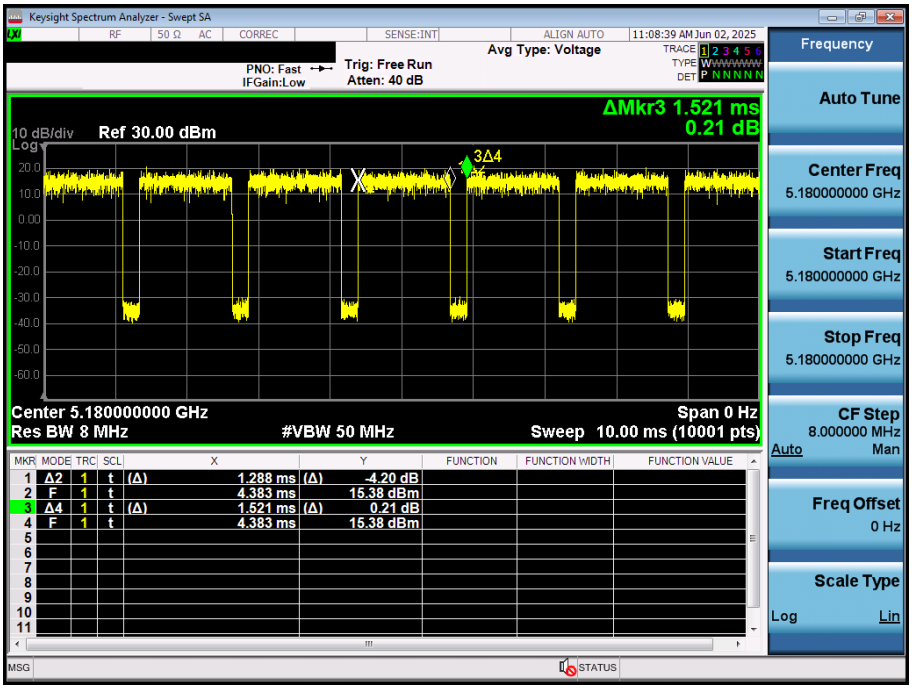
Test Mode	Date rate	T_{on}(ms)	T_{on+off} (ms)	x = T_{on} / (T_{on+off})	DCCF = 10 log(1/x) (dB)	1/T (kHz)
TM 1	6 Mbps	1.391	1.625	0.856 0	0.68	0.72
TM 2	MCS 0	1.288	1.521	0.846 8	0.72	0.78
TM 3	MCS 0	0.632	0.865	0.730 6	1.36	1.58
TM 4	MCS 0	0.324	0.557	0.581 7	2.35	3.09

Note1: Where, T = Transmission duration / x = Duty cycle

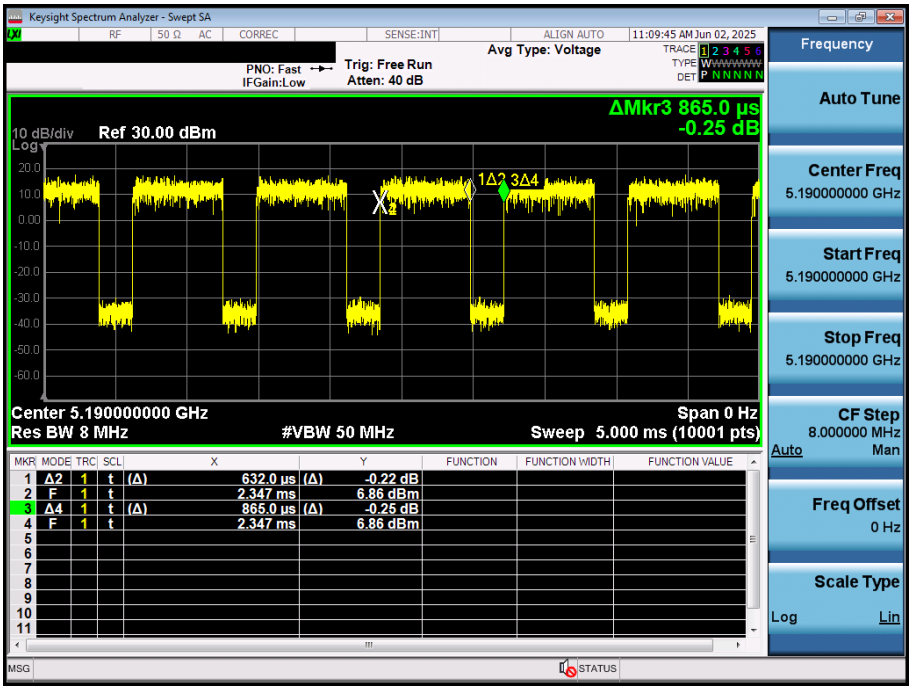
Duty Cycle Test Mode: TM 1 & Ch.36



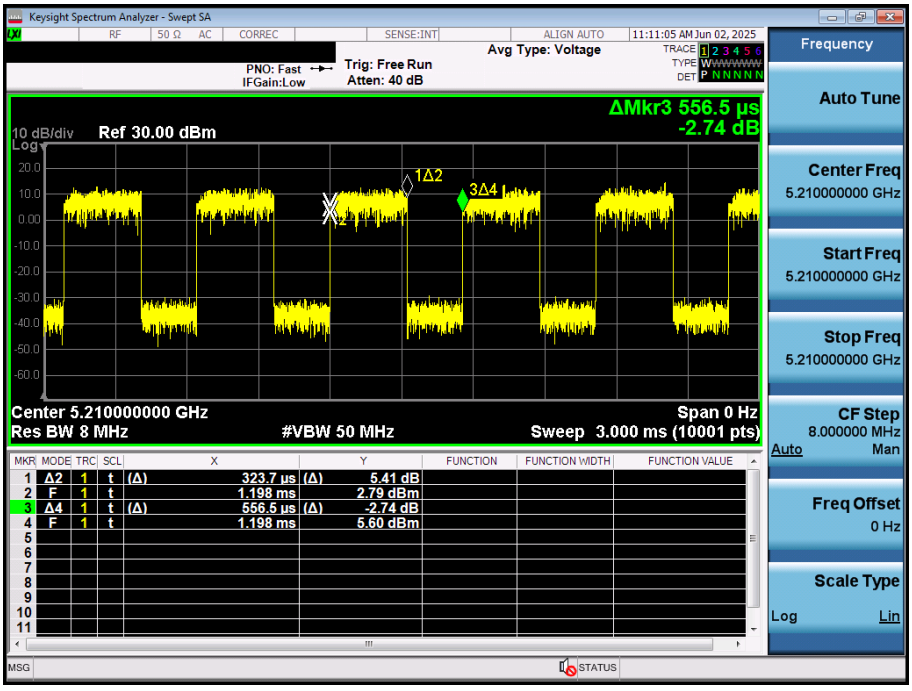
Duty Cycle Test Mode: TM 2 & Ch.36



Duty Cycle Test Mode: TM 3 & Ch.38



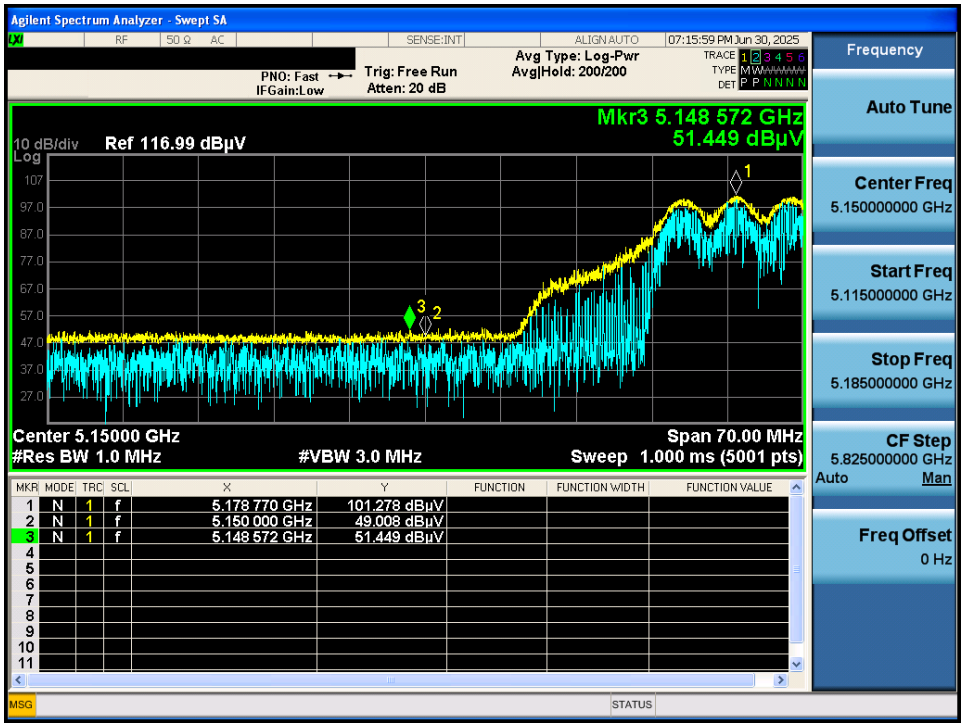
Duty Cycle Test Mode: TM 4 & Ch.42



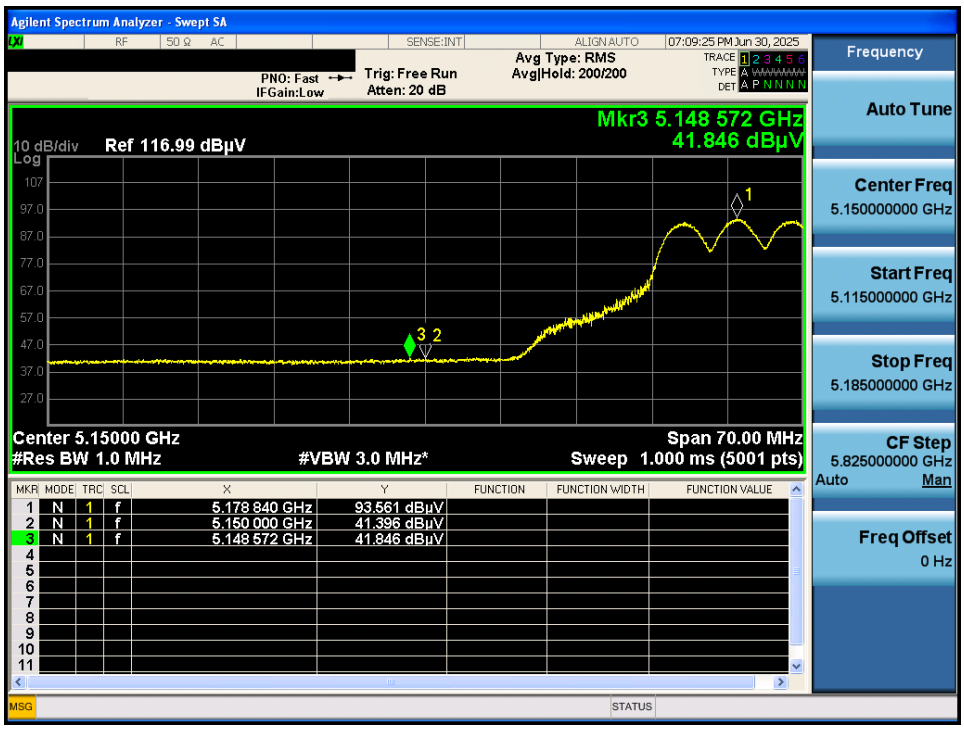
APPENDIX III

Unwanted Emissions (Radiated) Test Plot:

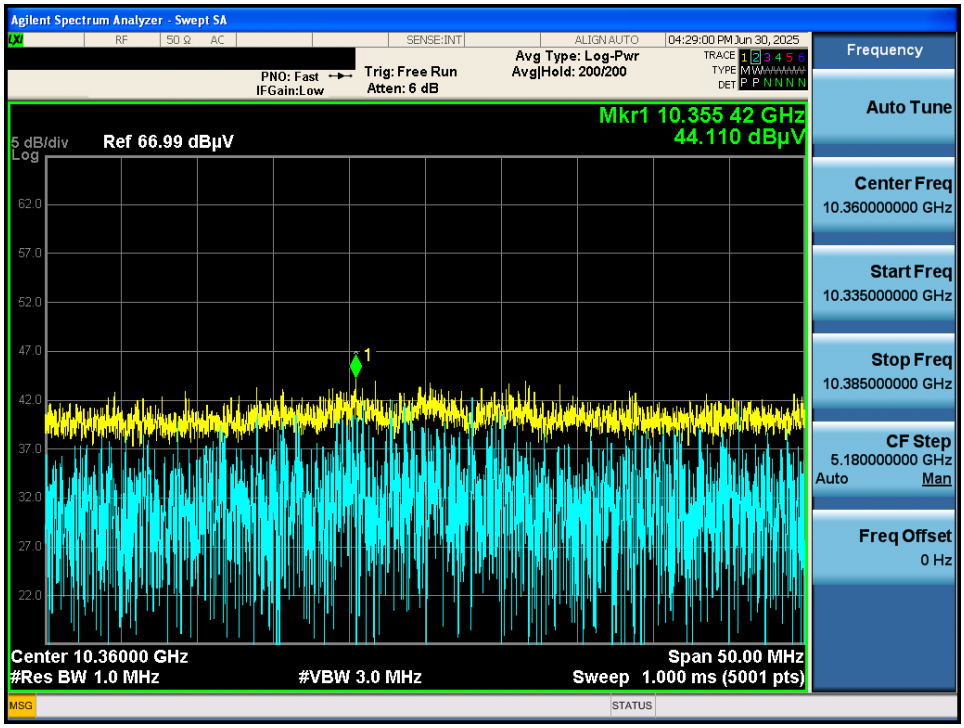
TM 1 & U-NII 1 & 5 180 & Z axis & Hor **Detector Mode : PK**



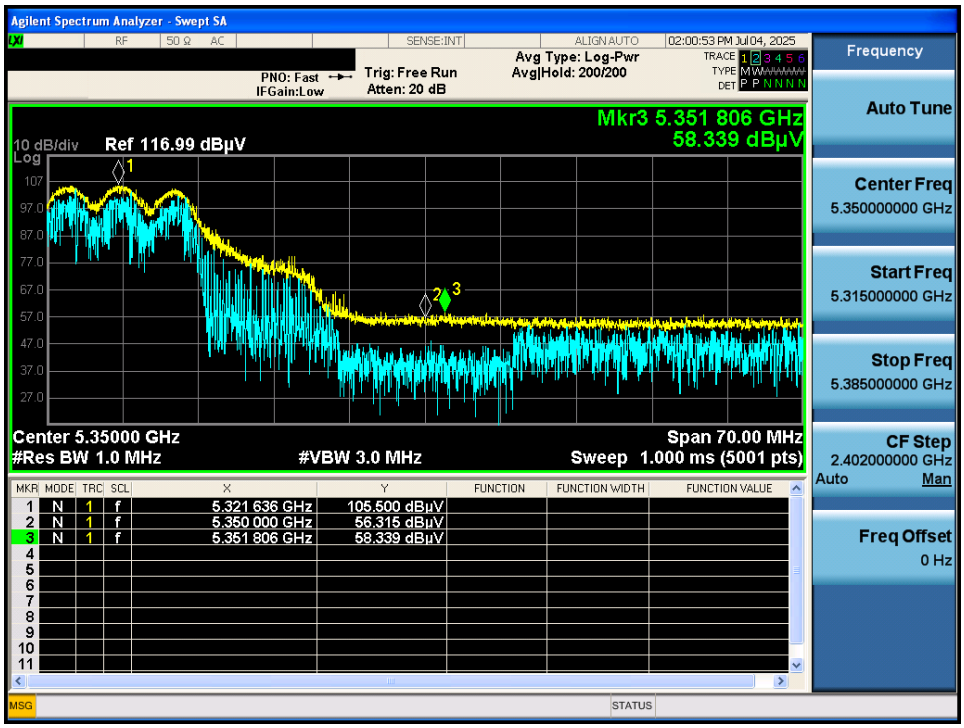
TM 1 & U-NII 1 & 5 180 & Z axis & Hor **Detector Mode : AV**



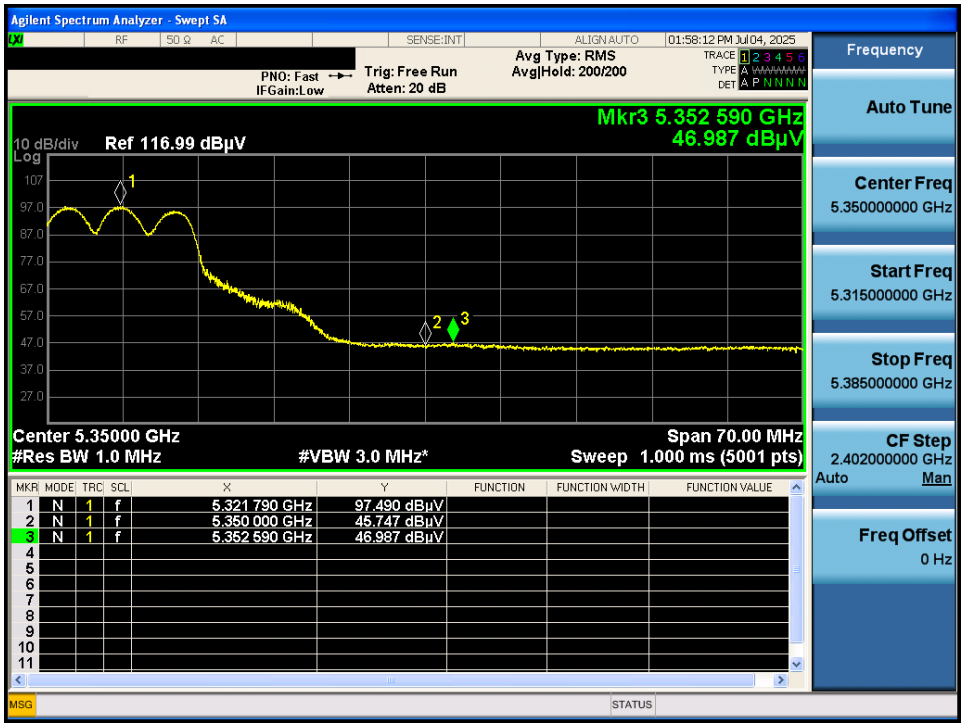
TM 1 & U-NII 1 & 5 180 & Z axis & Ver **Detector Mode : PK**



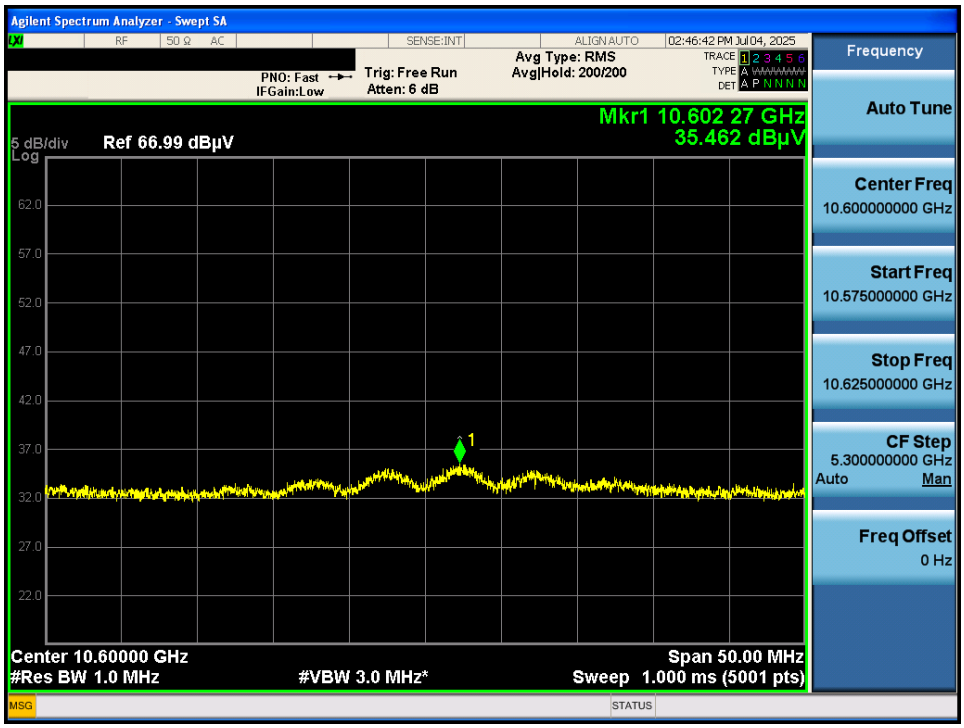
TM 1 & U-NII 2A & 5 320 & Z axis & Hor **Detector Mode : PK**



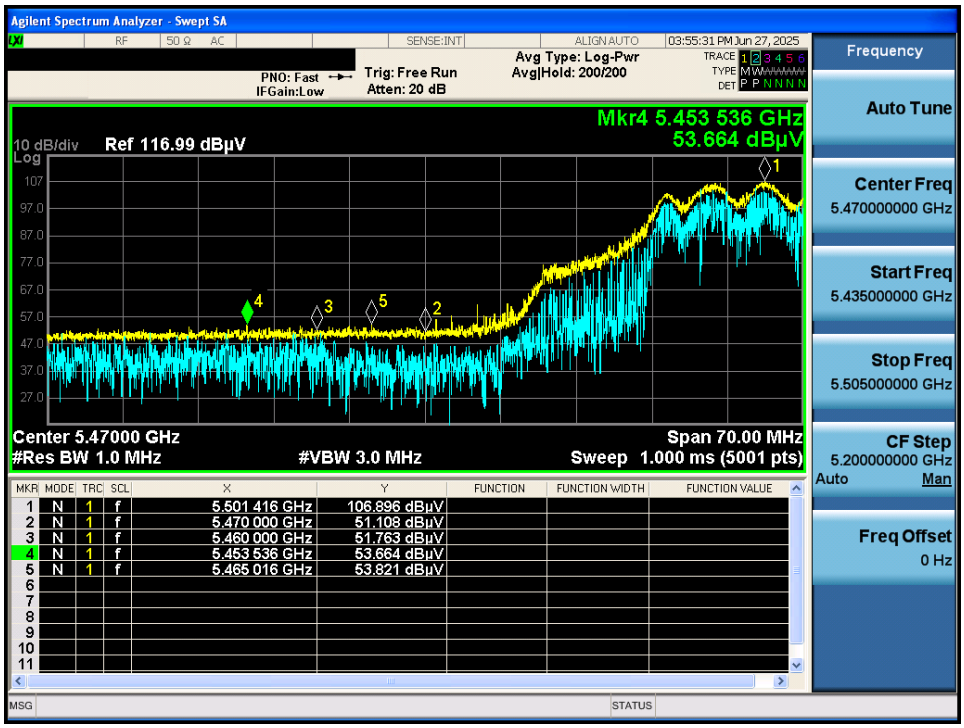
TM 1 & U-NII 2A & 5 320 & Z axis & Hor **Detector Mode : AV**



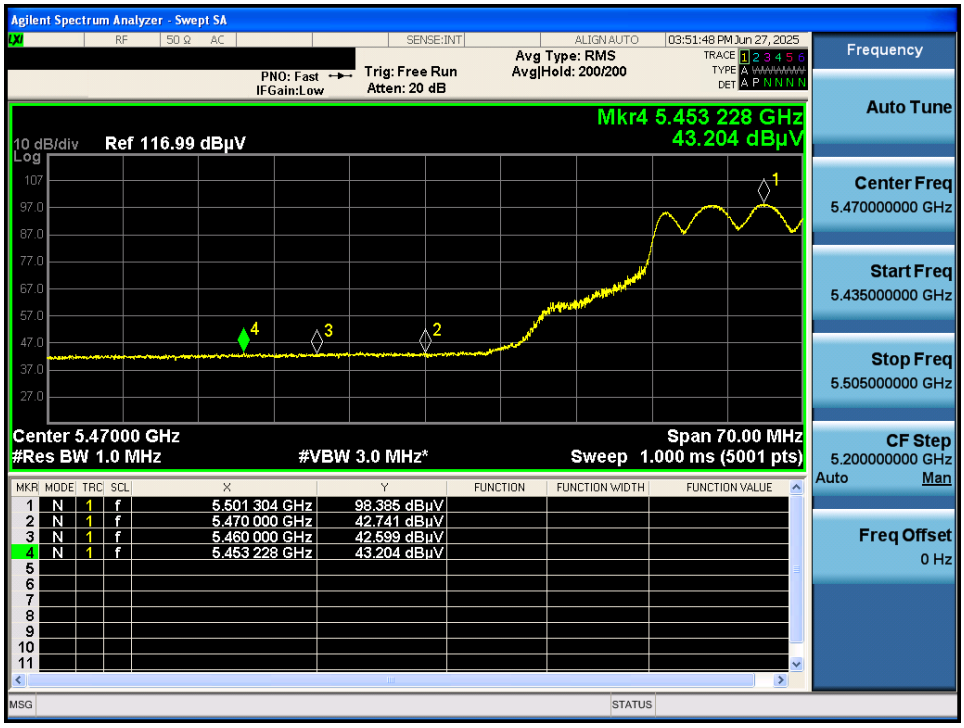
TM 1 & U-NII 2A & 5 300 & Z axis & Ver **Detector Mode : AV**



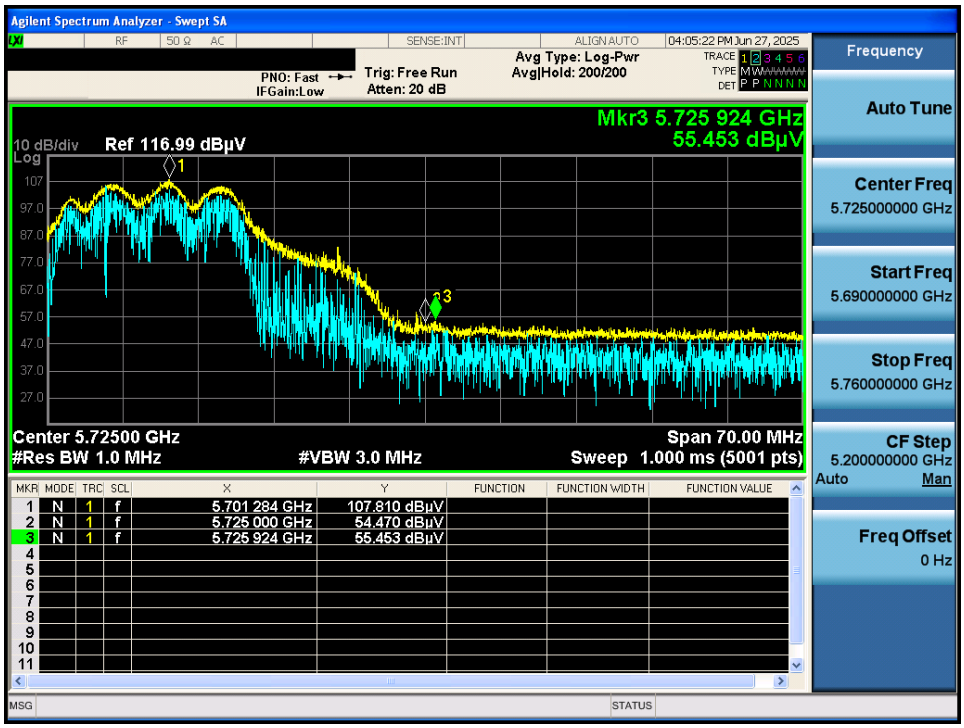
TM 1 & U-NII 2C & 5 500 & Z axis & Hor **Detector Mode : PK**



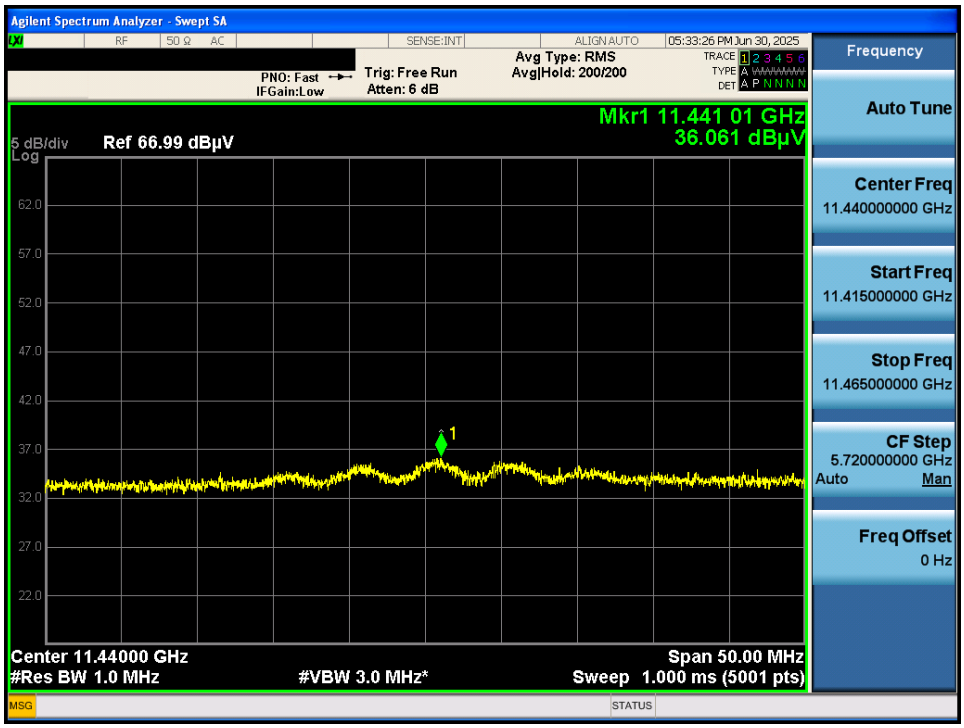
TM 1 & U-NII 2C & 5 500 & Z axis & Hor **Detector Mode : AV**



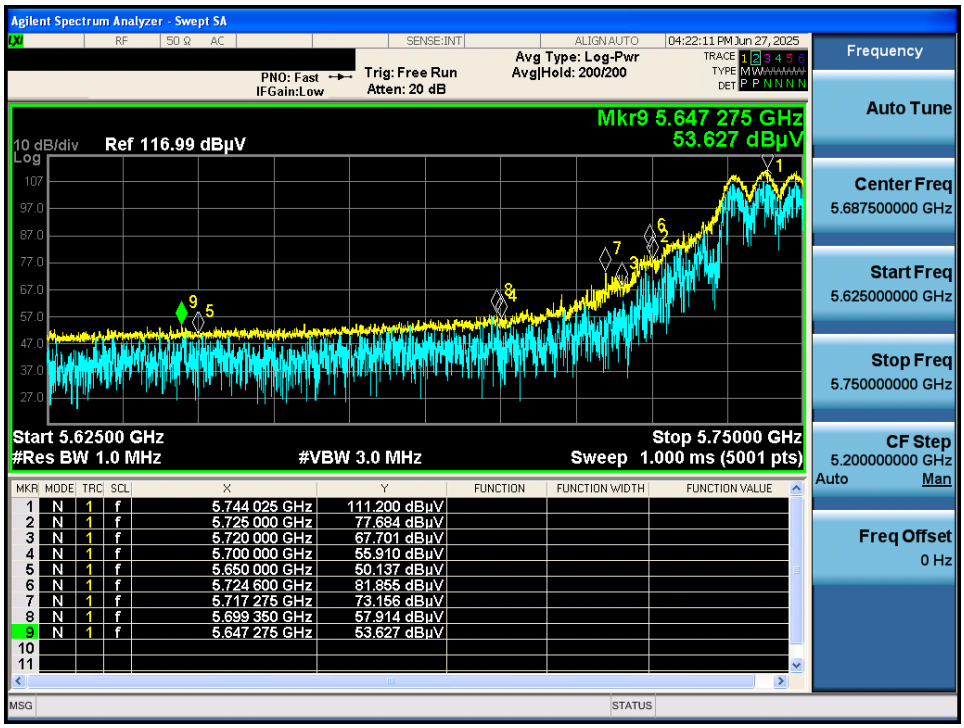
TM 1 & U-NII 2C & 5 700 & Z axis & Ver **Detector Mode : PK**



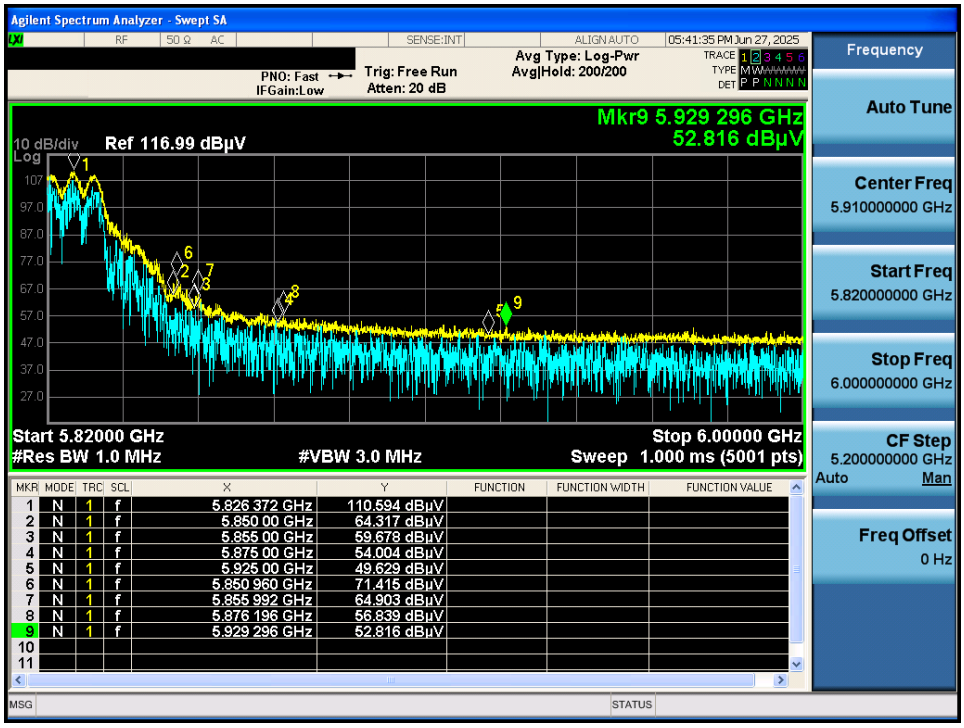
TM 1 & U-NII 2C & 5 720 & Z axis & Ver **Detector Mode : AV**



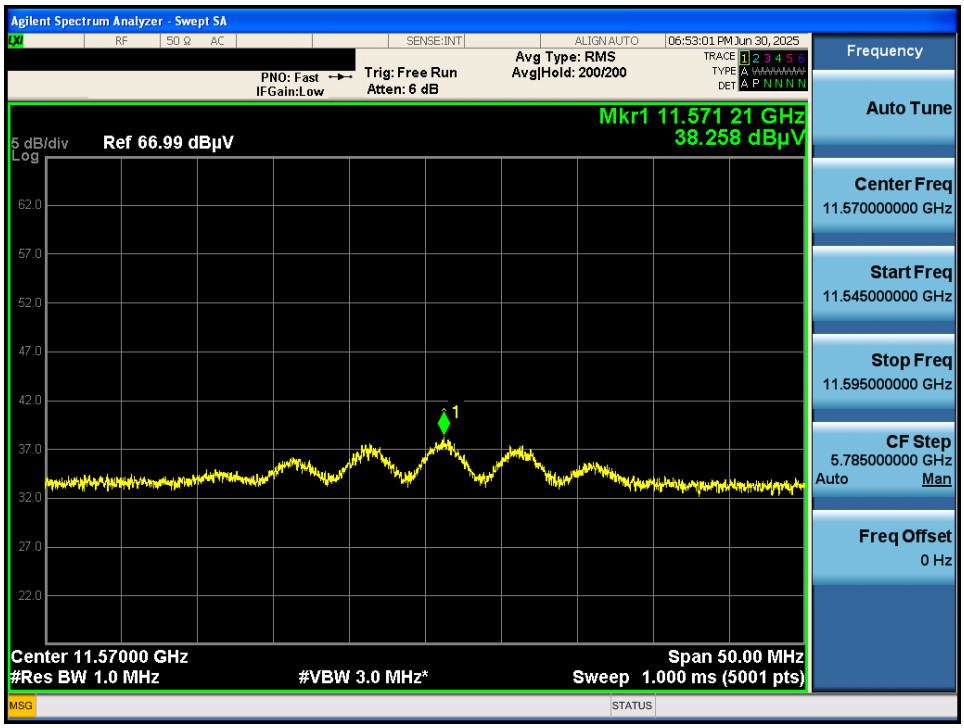
TM 1 & U-NII 3 & 5 745 & Y axis & Ver **Detector Mode : PK**



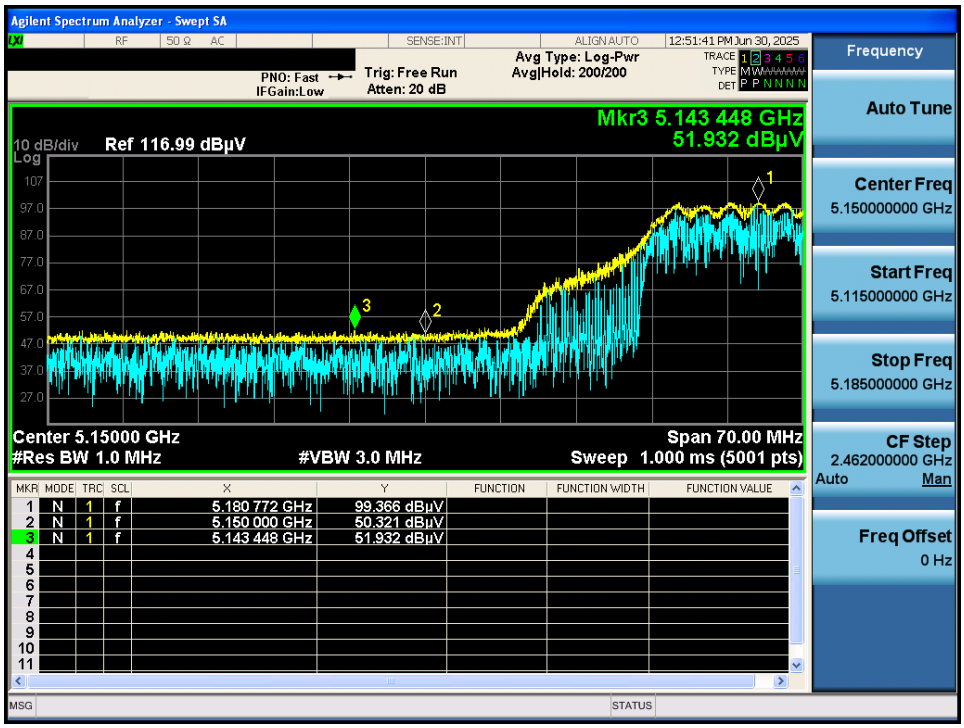
TM 1 & U-NII 3 & 5 825 & Y axis & Ver **Detector Mode : PK**



TM 1 & U-NII 3 & 5 785 & Z axis & Ver **Detector Mode : AV**

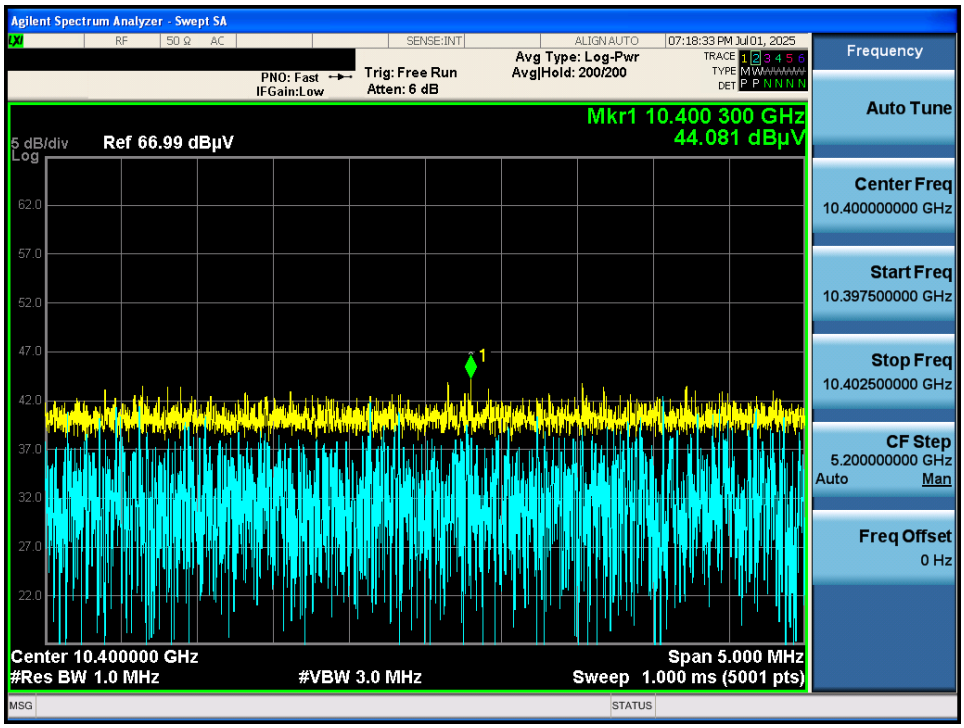


TM 2 & U-NII 1 & 5 180 & Z axis & Hor **Detector Mode : PK**

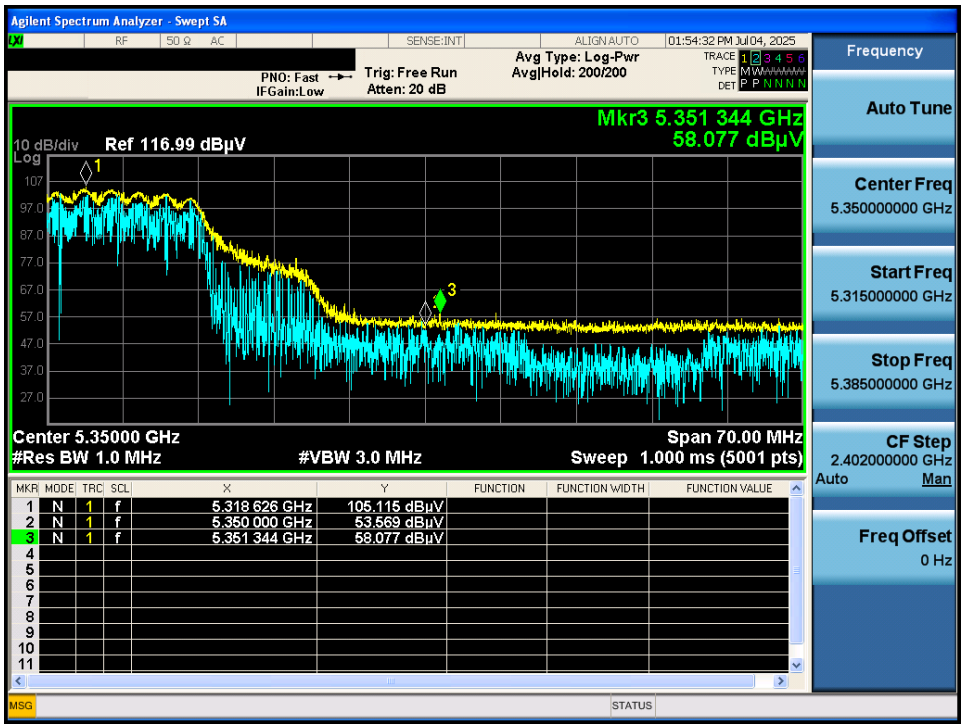


TM 2 & U-NII 1 & 5 180 & Z axis & Hor **Detector Mode : AV**

TM 2 & U-NII 1 & 5 200 & Z axis & Ver **Detector Mode : PK**

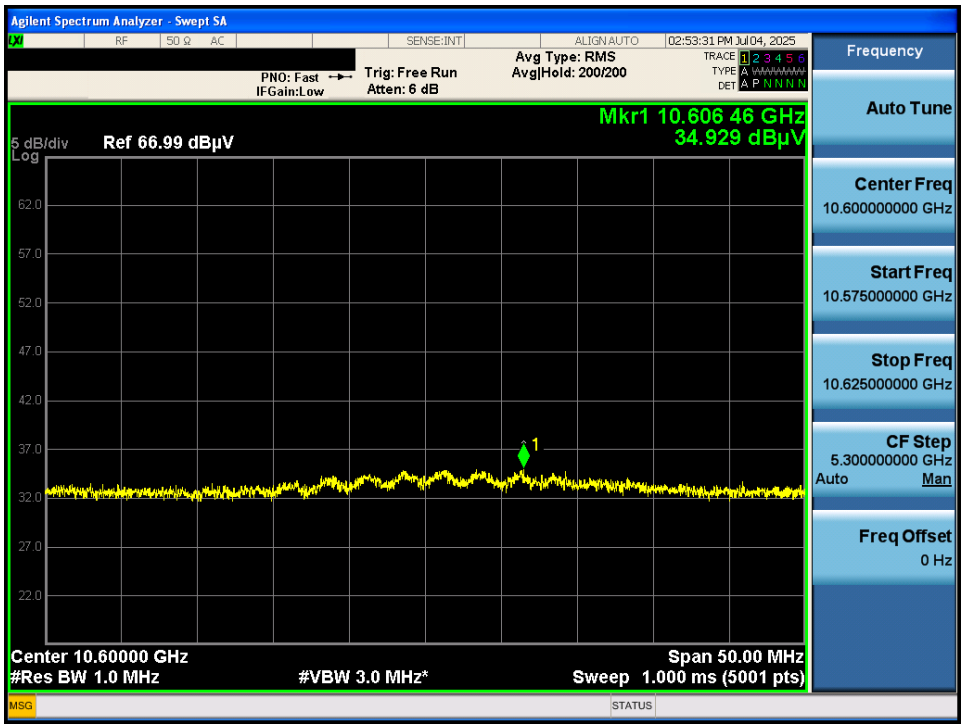


TM 2 & U-NII 2A & 5 320 & Z axis & Hor **Detector Mode : PK**

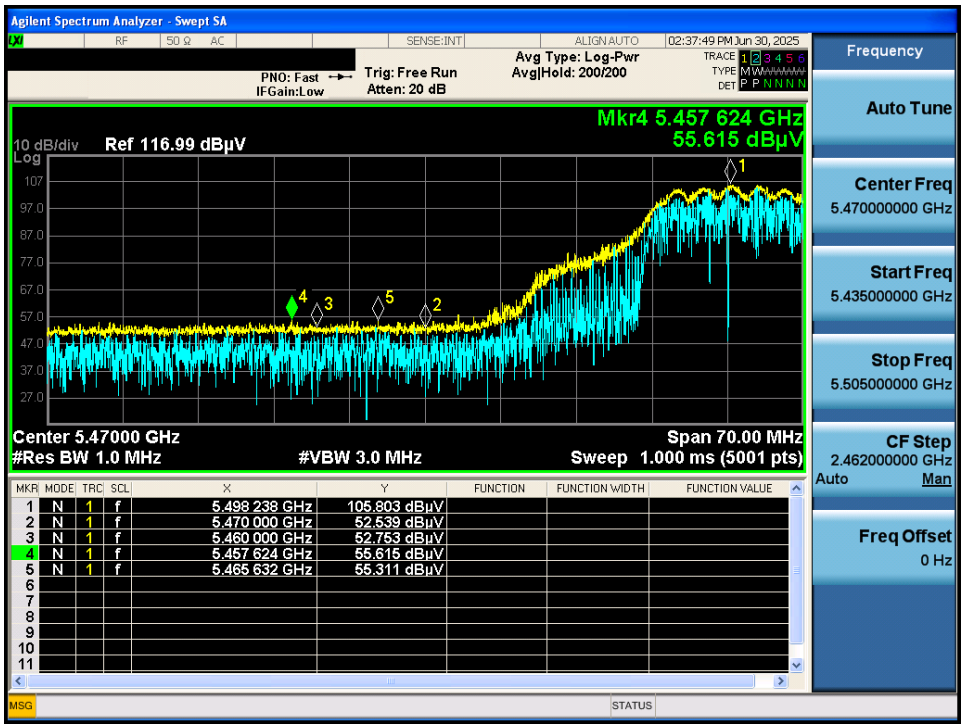


TM 2 & U-NII 2A & 5 320 & Z axis & Hor **Detector Mode : AV**

TM 2 & U-NII 2A & 5 300 & Z axis & Ver **Detector Mode : AV**

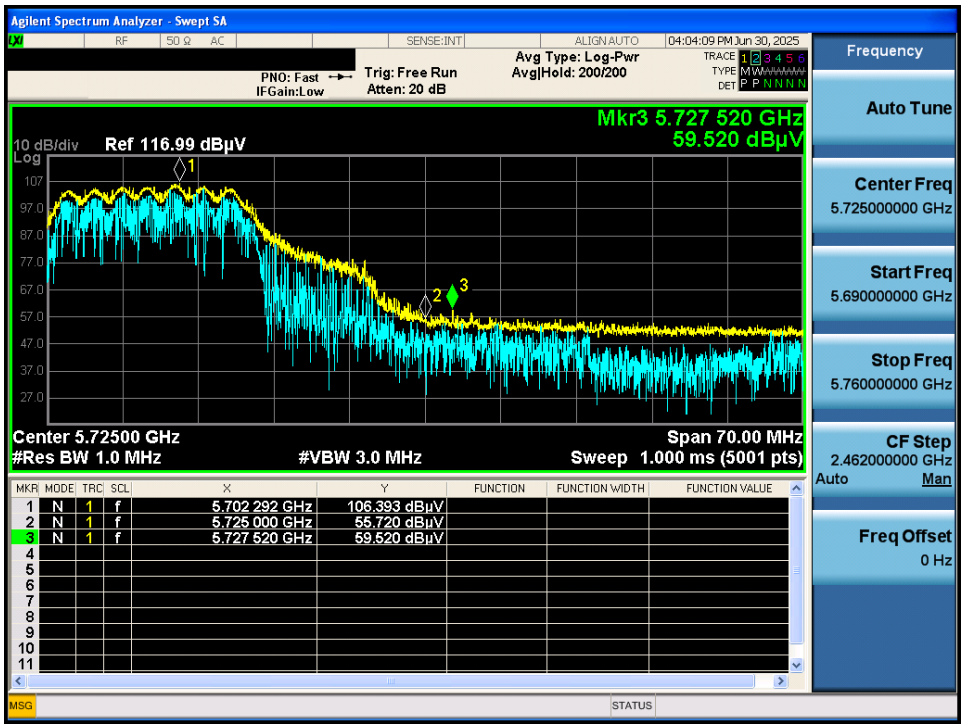


TM 2 & U-NII 2C & 5 500 & Z axis & Hor **Detector Mode : PK**



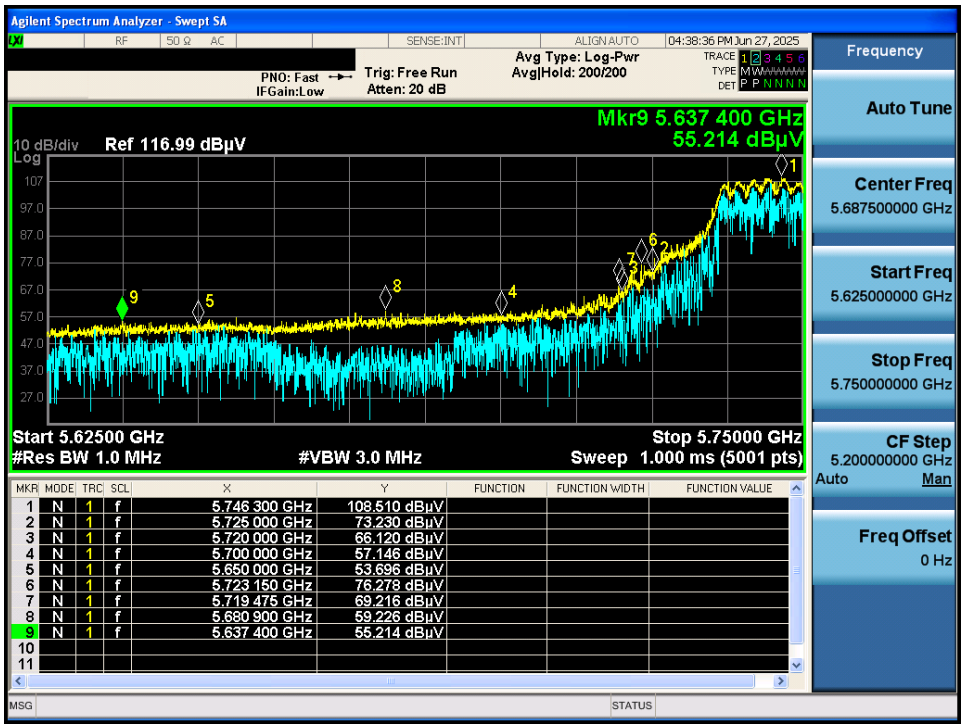
TM 2 & U-NII 2C & 5 500 & Z axis & Hor **Detector Mode : AV**

TM 2 & U-NII 3 & 5 700 & Z axis & Hor **Detector Mode : PK**

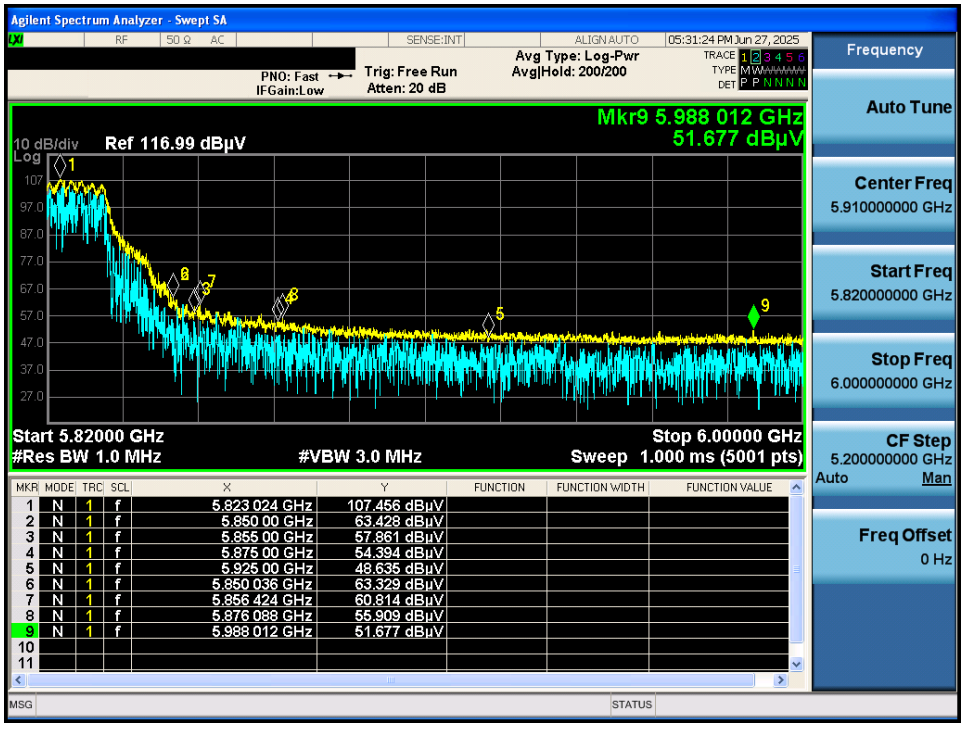


TM 2 & U-NII 2C & 5 720 & Z axis & Ver **Detector Mode : AV**

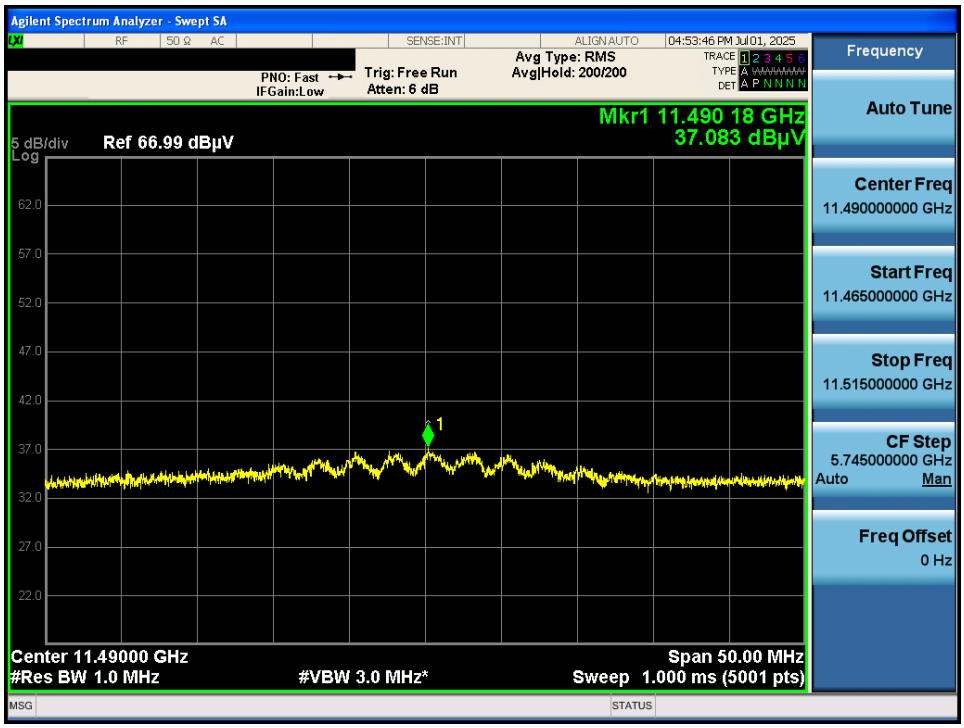
TM 2 & U-NII 3 & 5 745 & Z axis & Hor **Detector Mode : PK**



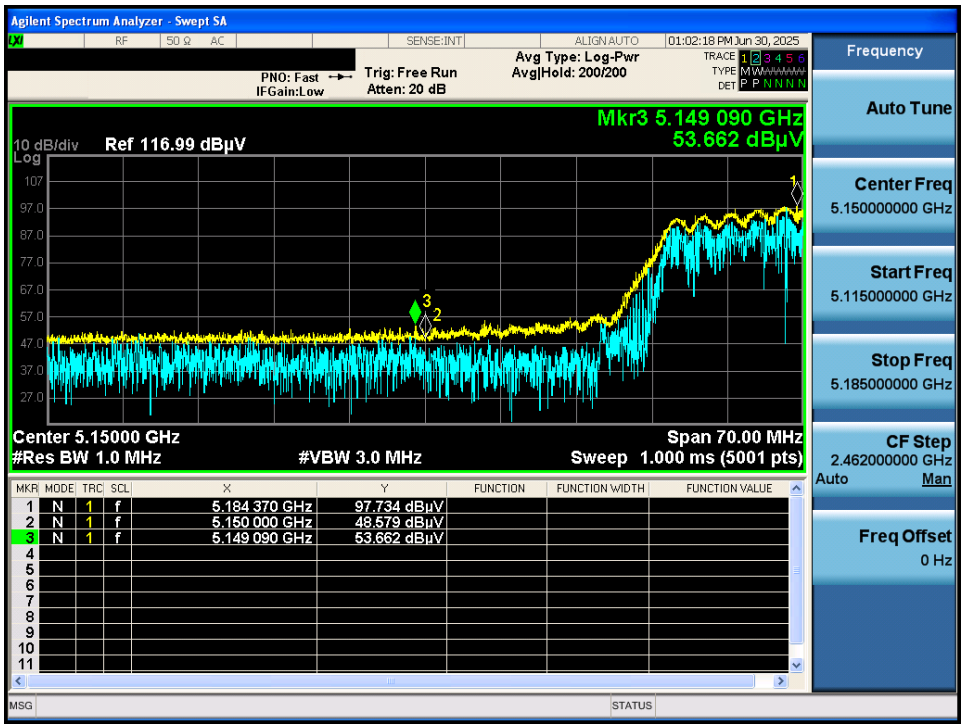
TM 2 & U-NII 3 & 5 825 & Z axis & Hor **Detector Mode : PK**



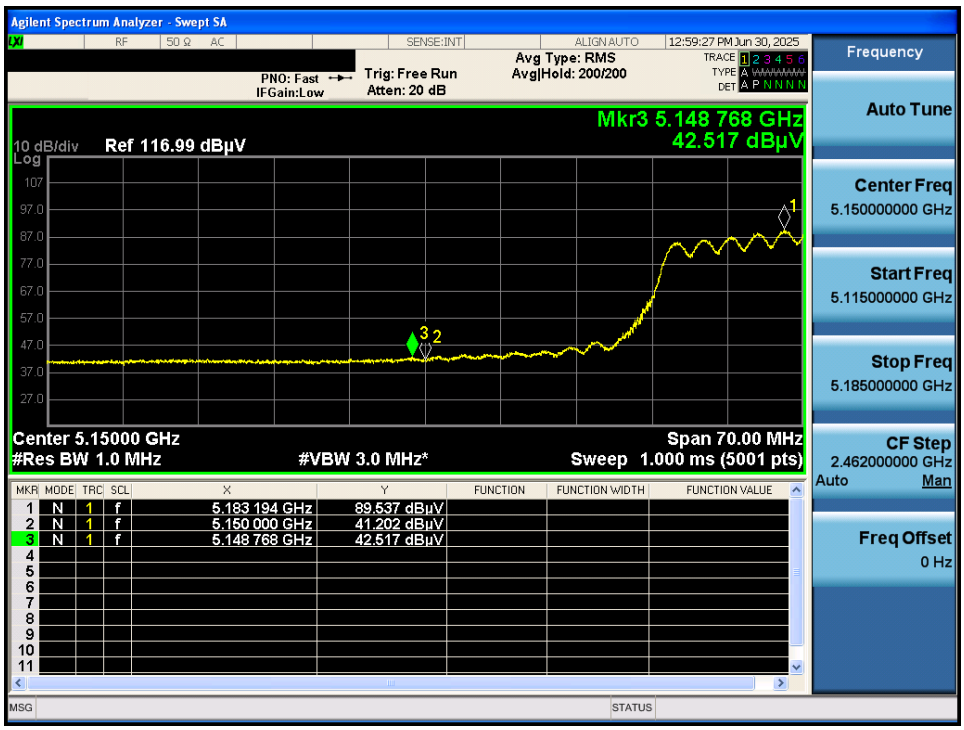
TM 2 & U-NII 3 & 5 745 & Z axis & Ver **Detector Mode : AV**



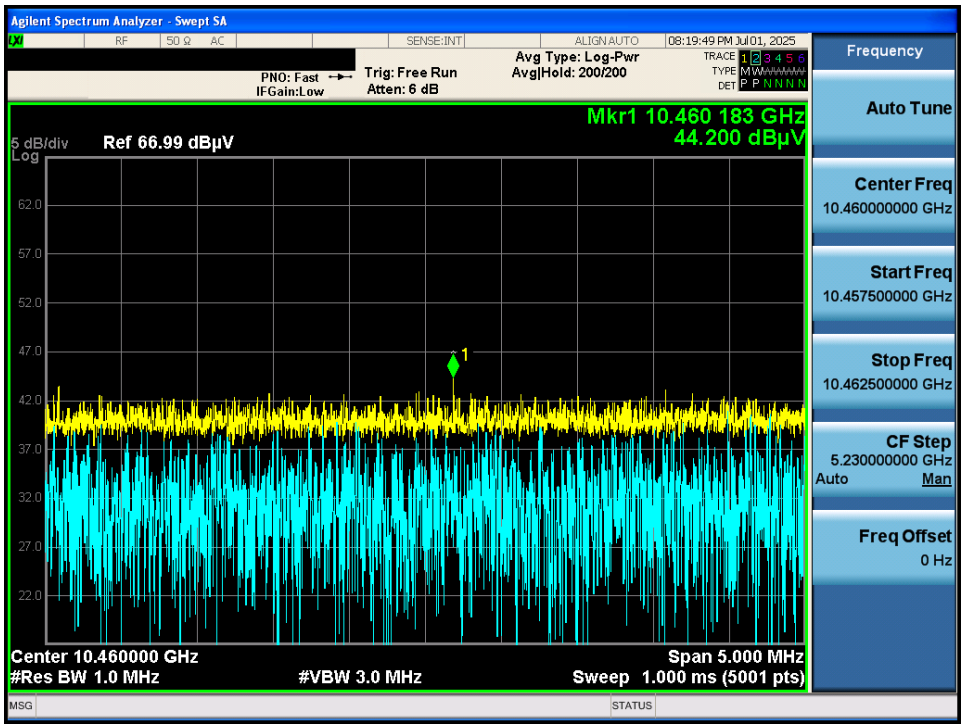
TM 3 & U-NII 1 & 5 190 & Z axis & Hor **Detector Mode : PK**



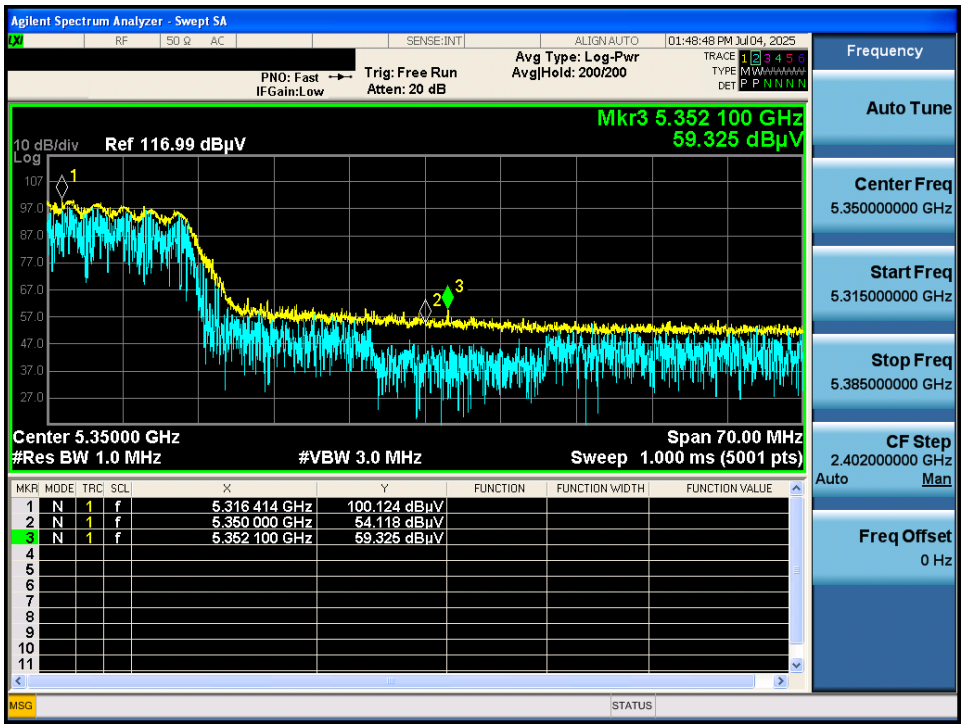
TM 3 & U-NII 1 & 5 190 & Z axis & Hor **Detector Mode : AV**



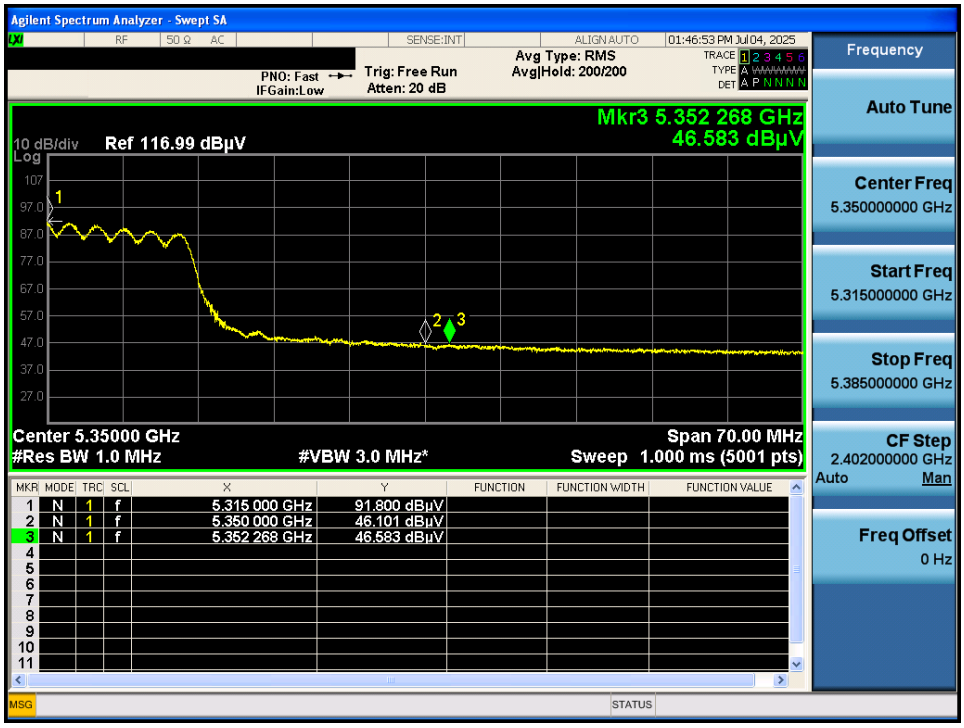
TM 3 & U-NII 1 & 5 230 & Z axis & Ver **Detector Mode : PK**



TM 3 & U-NII 2A & 5 310 & Z axis & Hor **Detector Mode : PK**

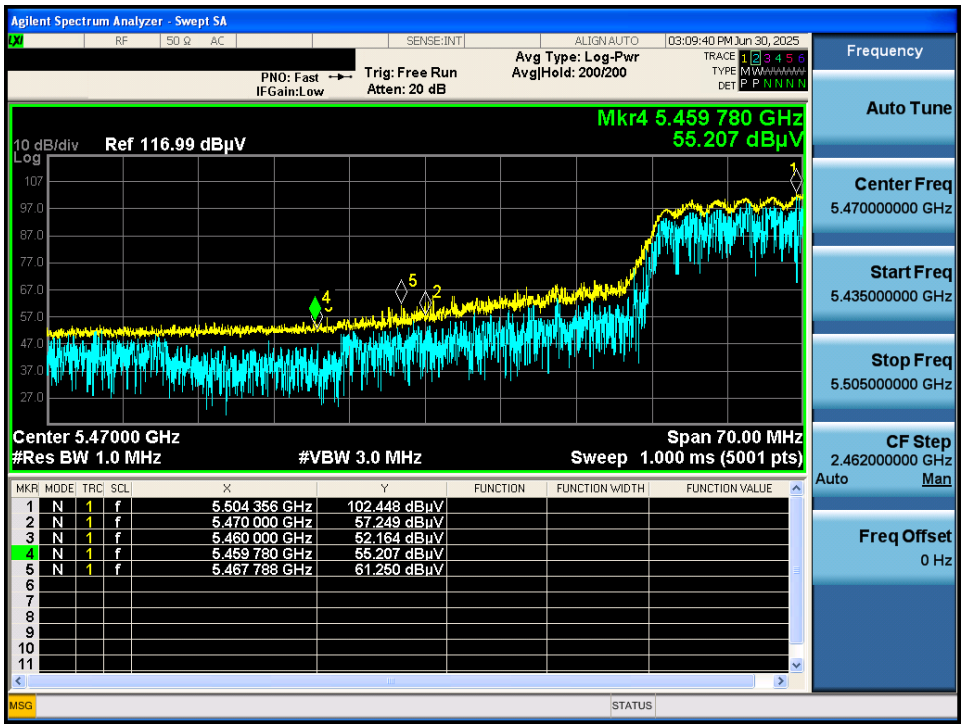


TM 3 & U-NII 2A & 5 310 & Z axis & Hor **Detector Mode : AV**



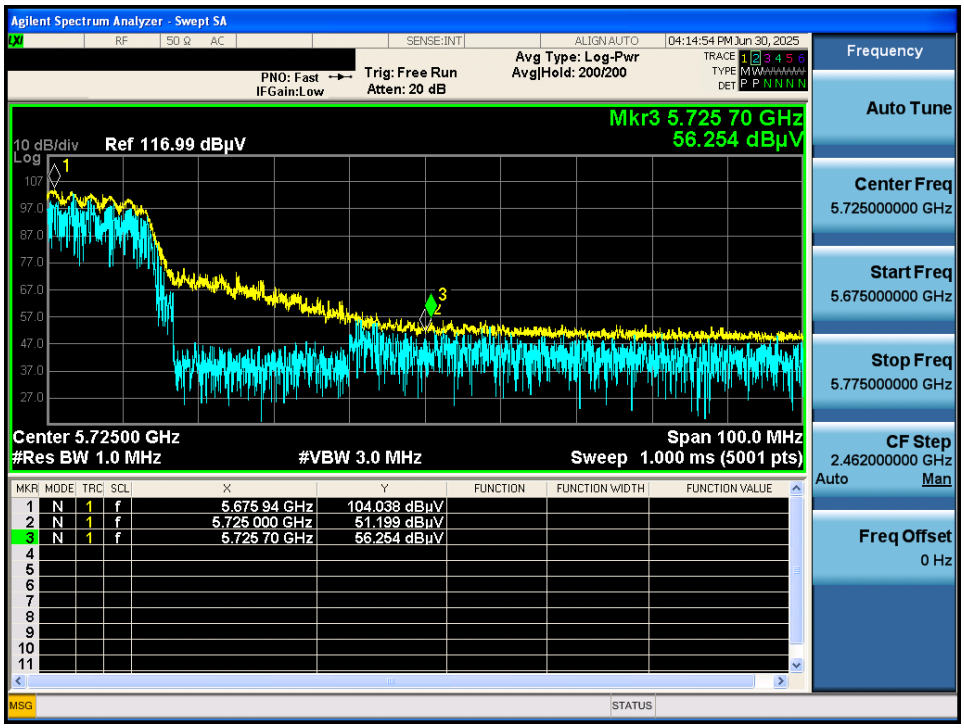
TM 3 & U-NII 2A & 5 310 & Z axis & Ver **Detector Mode : AV**

TM 3 & U-NII 2C & 5 510 & Z axis & Hor **Detector Mode : PK**

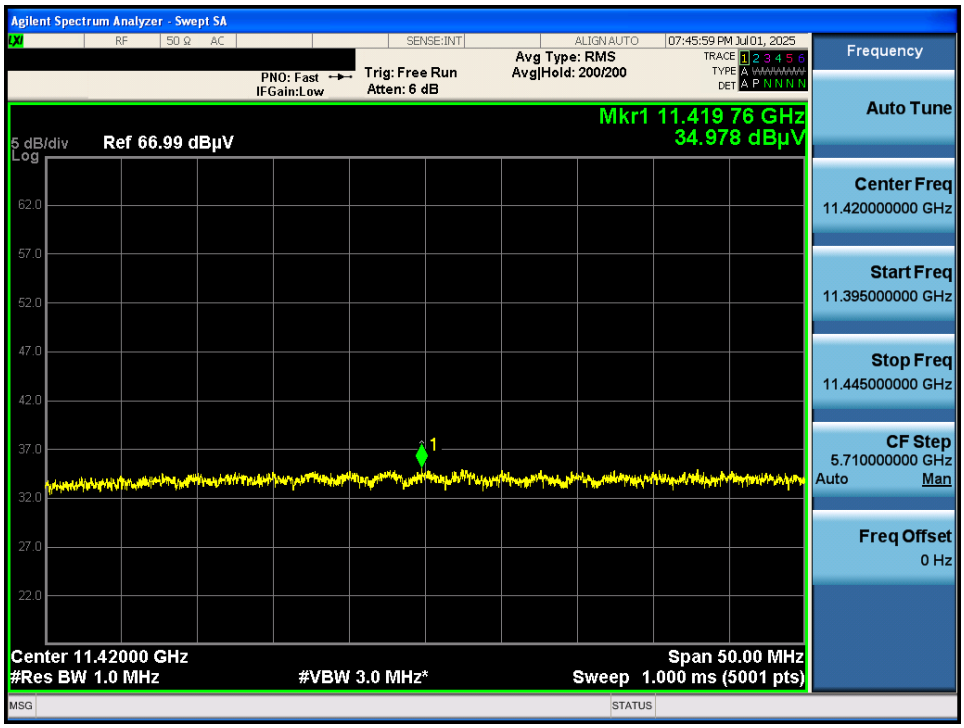


TM 3 & U-NII 2C & 5 510 & Z axis & Hor **Detector Mode : AV**

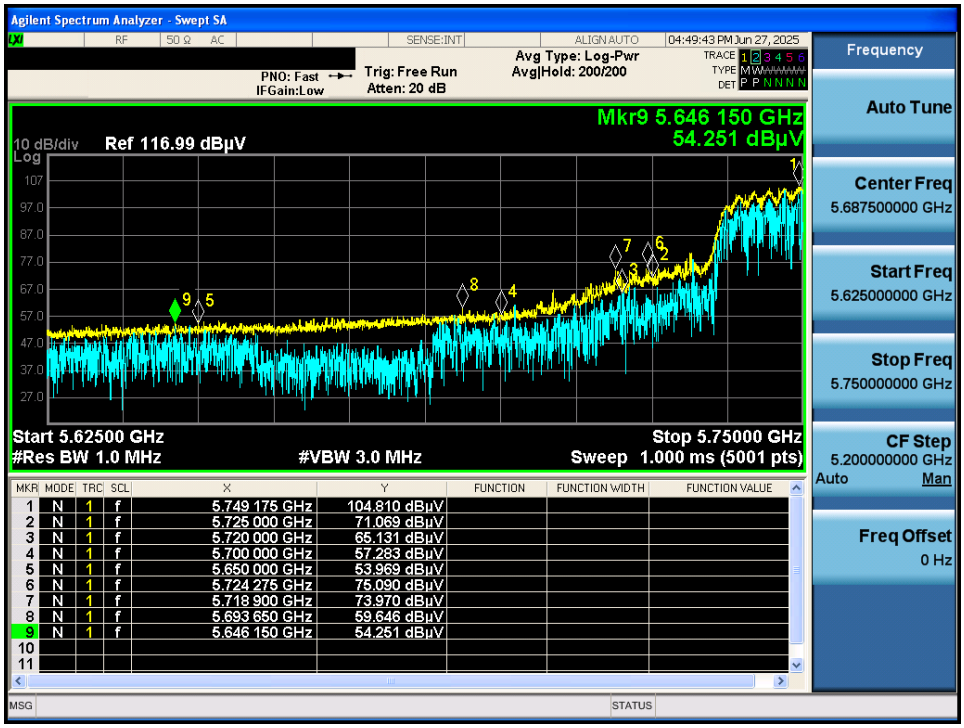
TM 3 & U-NII 2C & 5 670 & Z axis & Hor **Detector Mode : PK**



TM 3 & U-NII 2C & 5 710 & Z axis & Hor **Detector Mode : PK**

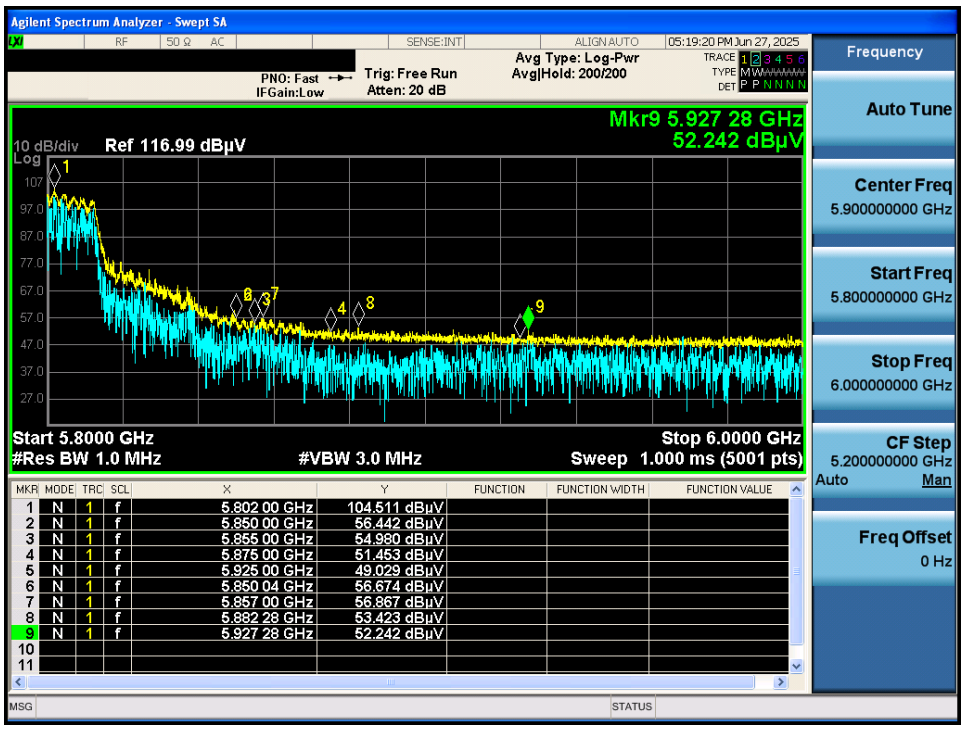


TM 3 & U-NII 3 & 5 755 & Z axis & Hor **Detector Mode : PK**



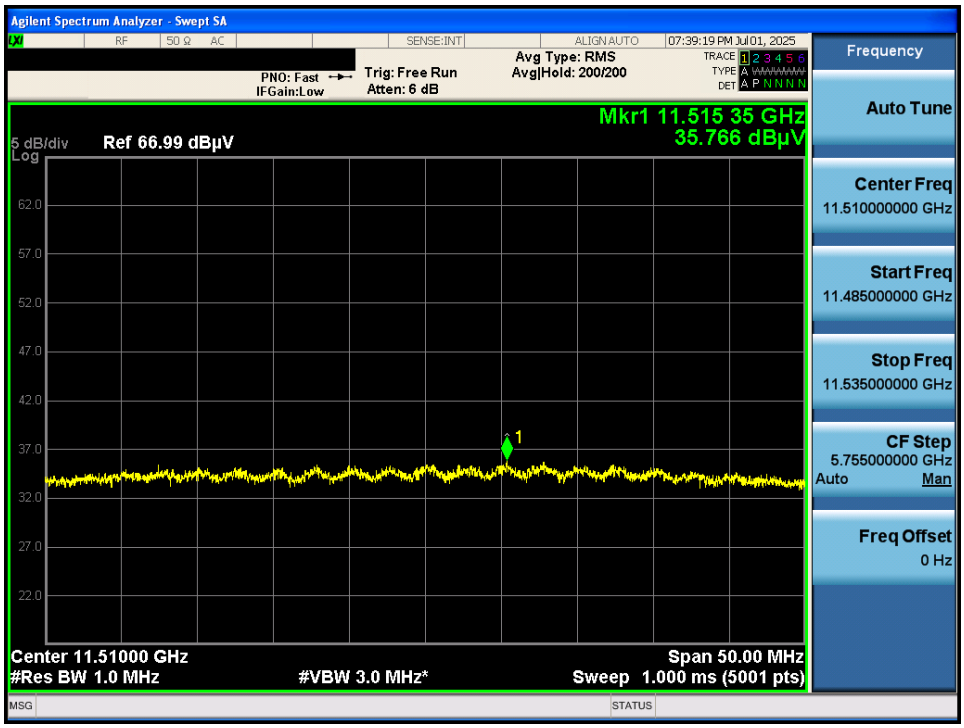
MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.749 175 GHz	104.810 dBµV			
2	N	1	f	5.725 000 GHz	71.069 dBµV			
3	N	1	f	5.720 000 GHz	65.131 dBµV			
4	N	1	f	5.700 000 GHz	57.283 dBµV			
5	N	1	f	5.650 000 GHz	53.969 dBµV			
6	N	1	f	5.724 275 GHz	75.090 dBµV			
7	N	1	f	5.718 900 GHz	73.970 dBµV			
8	N	1	f	5.693 650 GHz	59.646 dBµV			
9	N	1	f	5.646 150 GHz	54.251 dBµV			
10								
11								

TM 3 & U-NII 3 & 5 795 & Z axis & Hor **Detector Mode : PK**

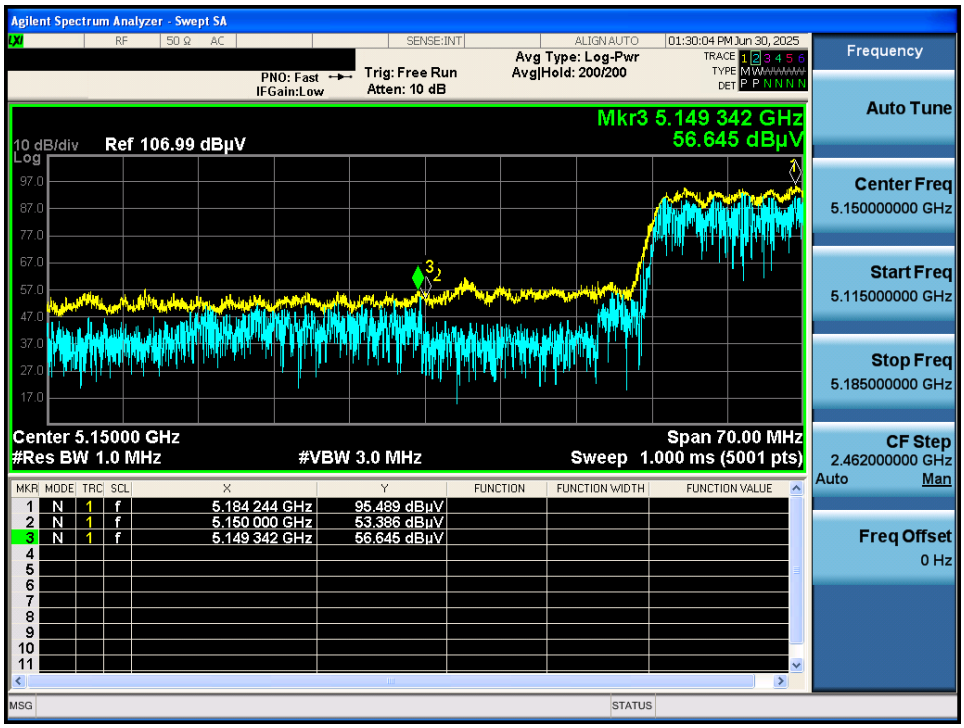


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.802 00 GHz	104.511 dBµV			
2	N	1	f	5.850 00 GHz	56.442 dBµV			
3	N	1	f	5.855 00 GHz	54.980 dBµV			
4	N	1	f	5.875 00 GHz	51.453 dBµV			
5	N	1	f	5.925 00 GHz	49.029 dBµV			
6	N	1	f	5.850 04 GHz	56.674 dBµV			
7	N	1	f	5.857 00 GHz	56.867 dBµV			
8	N	1	f	5.882 28 GHz	53.423 dBµV			
9	N	1	f	5.927 28 GHz	52.242 dBµV			
10								
11								

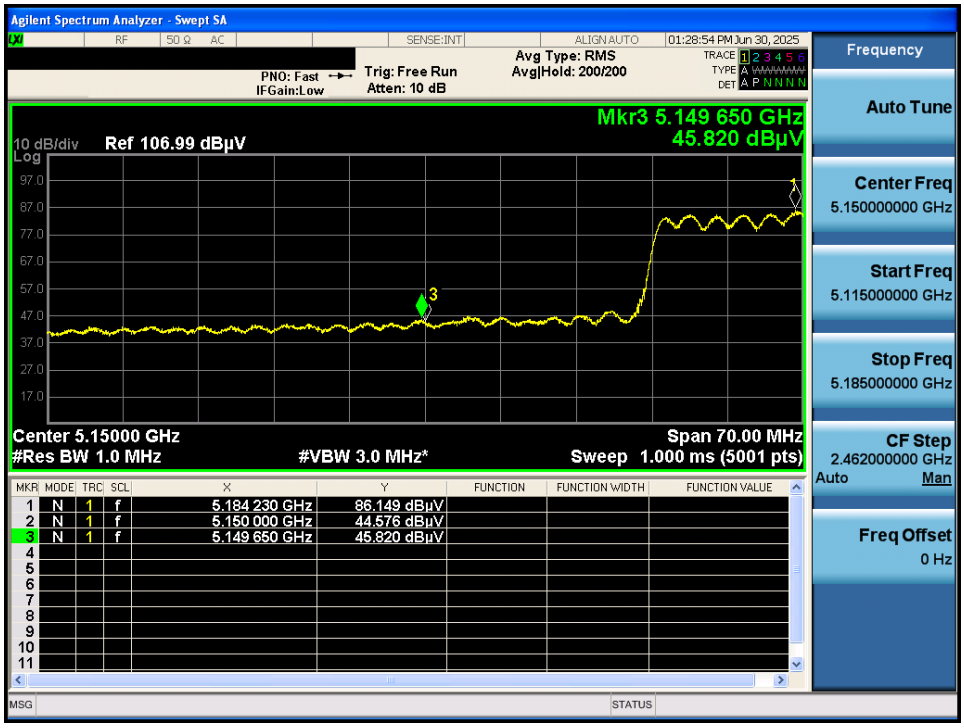
TM 3 & U-NII 3 & 5 755 & Z axis & Ver **Detector Mode : AV**



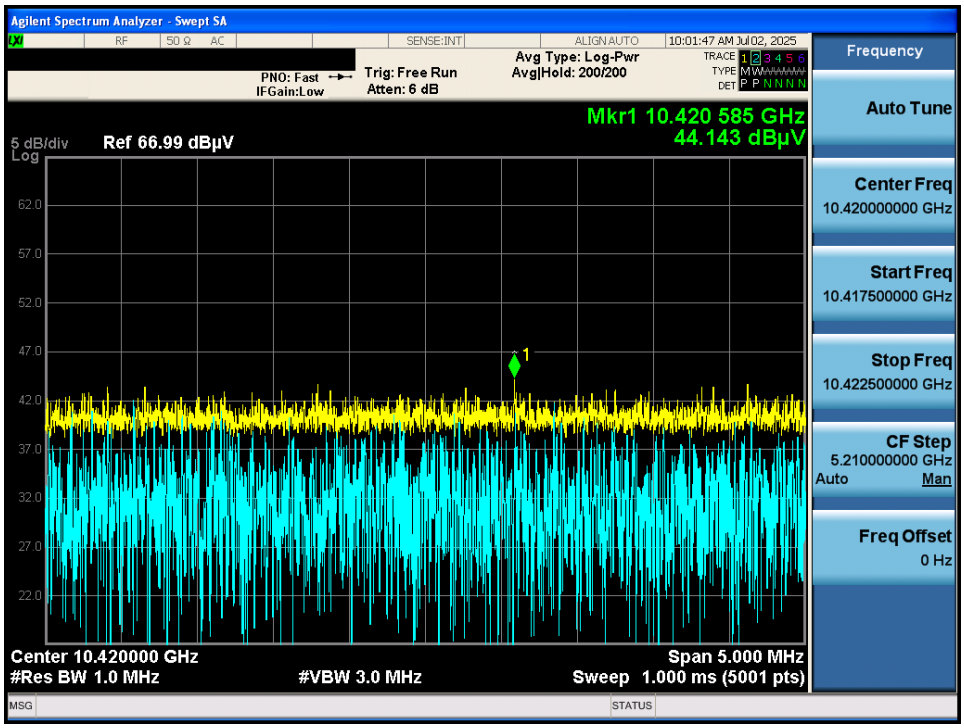
TM 4 & U-NII 1 & 5 210 & Z axis & Hor **Detector Mode : PK**



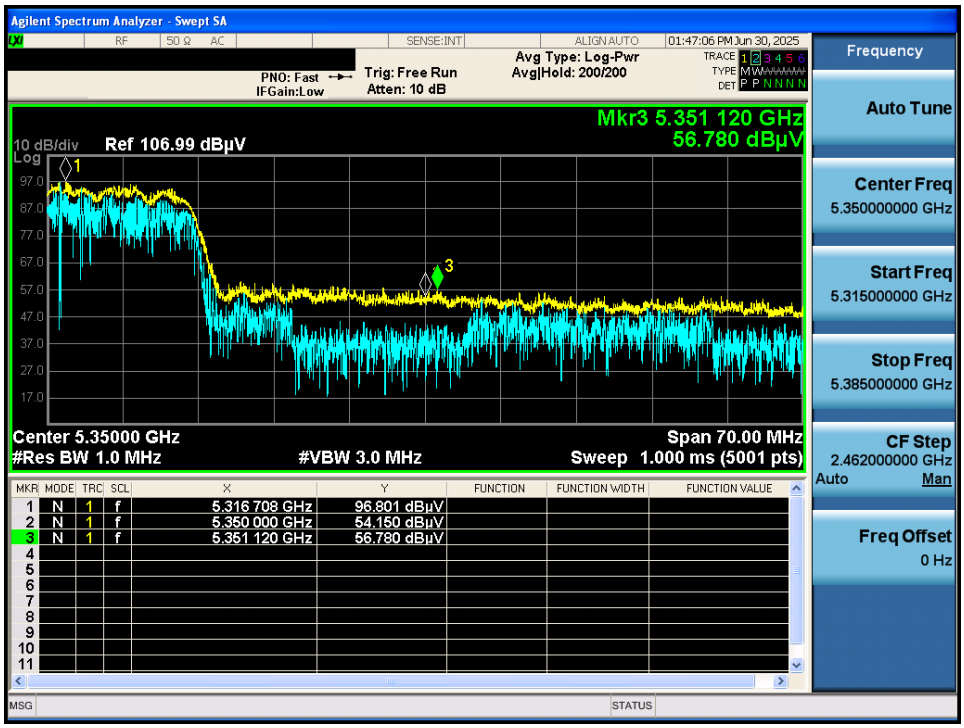
TM 4 & U-NII 1 & 5 210 & Z axis & Hor **Detector Mode : AV**



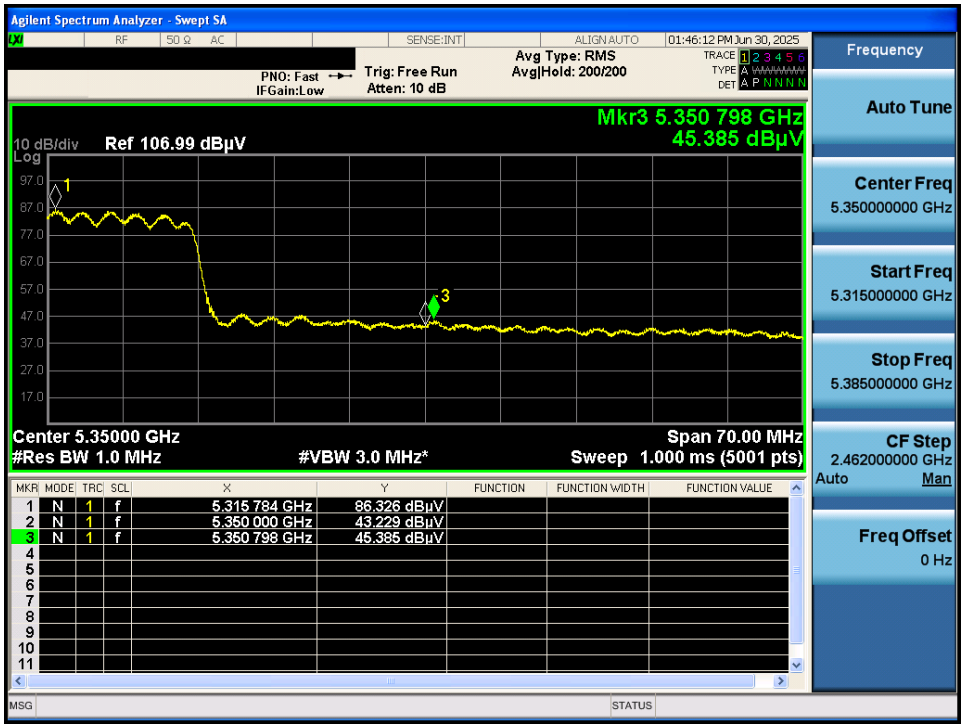
TM 4 & U-NII 1 & 5 210 & Z axis & Ver **Detector Mode : PK**



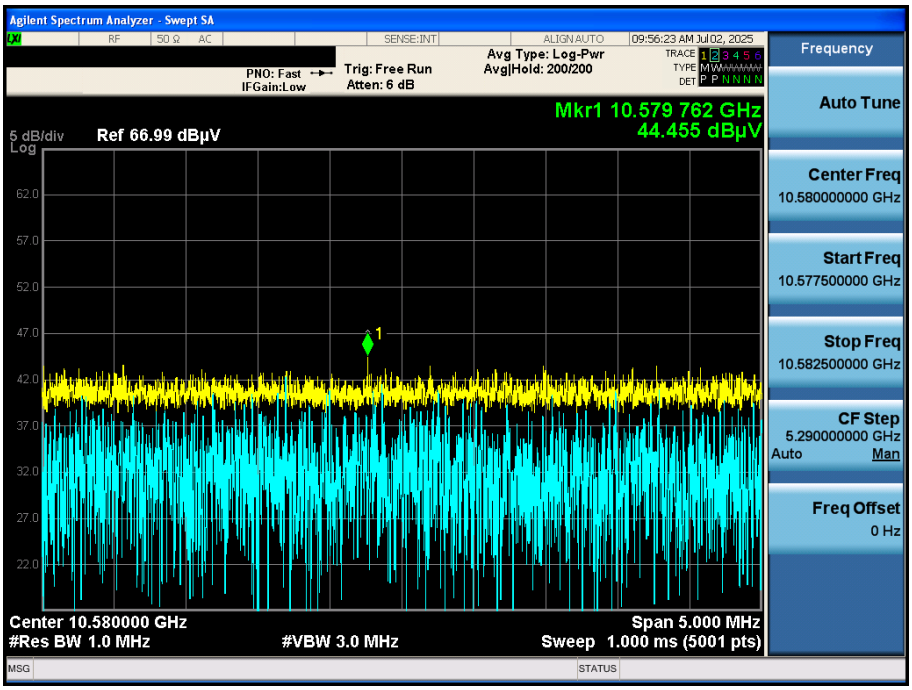
TM 4 & U-NII 2A & 5 290 & Z axis & Hor **Detector Mode : PK**



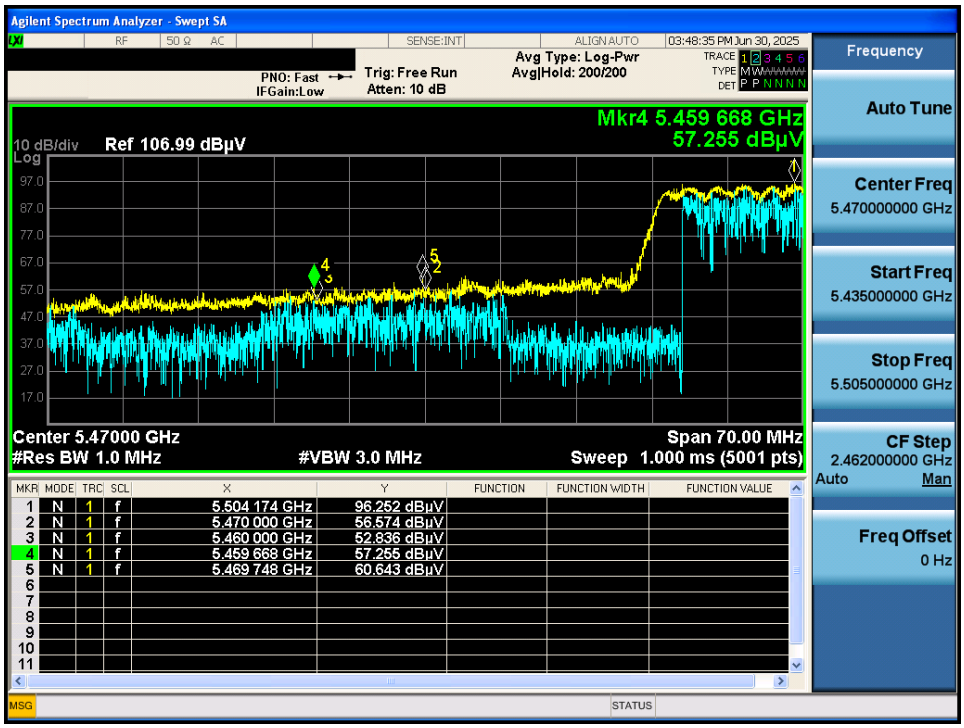
TM 4 & U-NII 2A & 5 290 & Z axis & Hor **Detector Mode : AV**



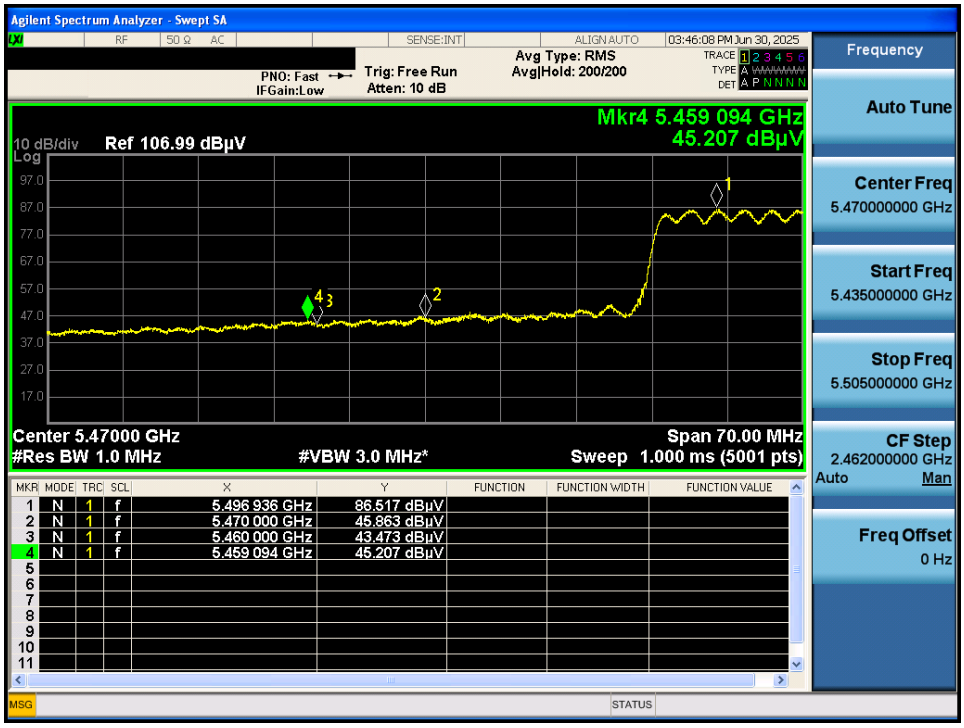
TM 4 & U-NII 2A & 5 290 & Z axis & Hor **Detector Mode : PK**



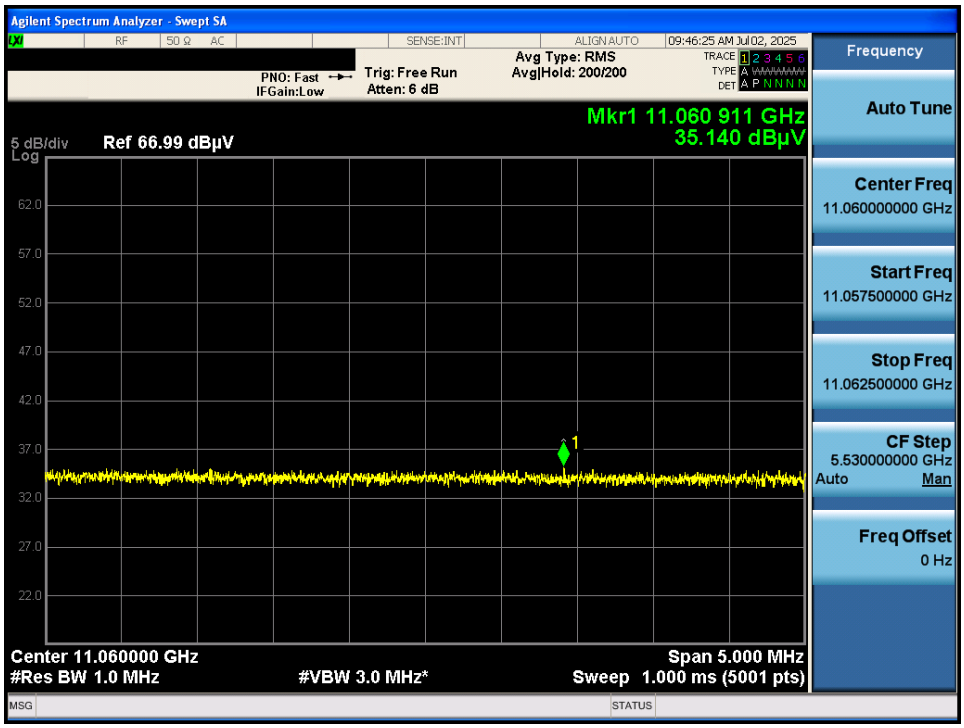
TM 4 & U-NII 2C & 5 530 & Z axis & Hor **Detector Mode : PK**



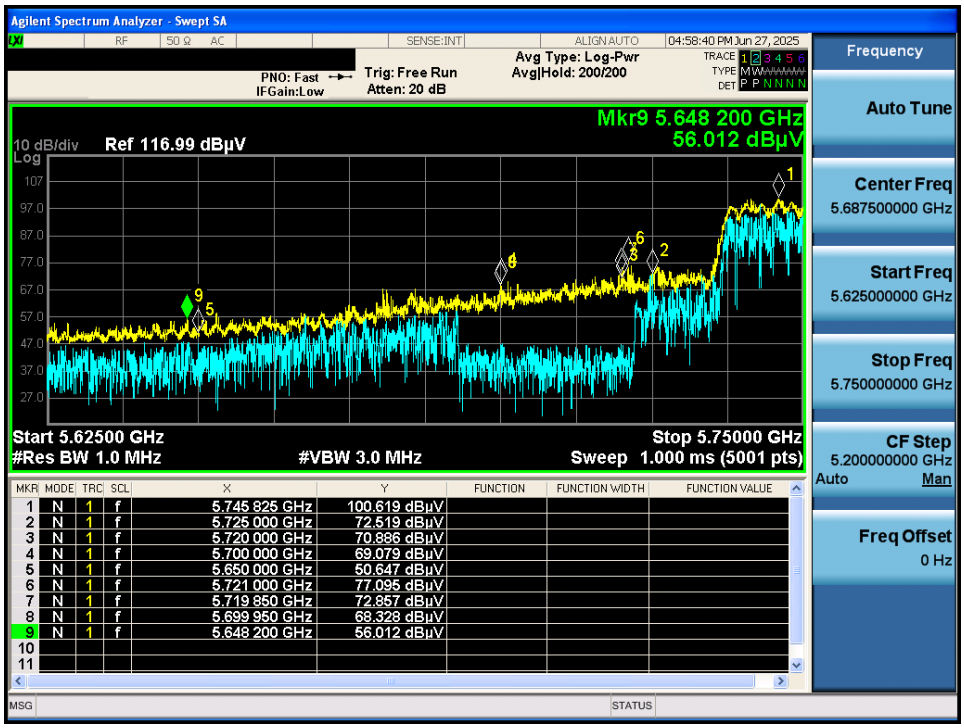
TM 4 & U-NII 2C & 5 530 & Z axis & Hor **Detector Mode : AV**



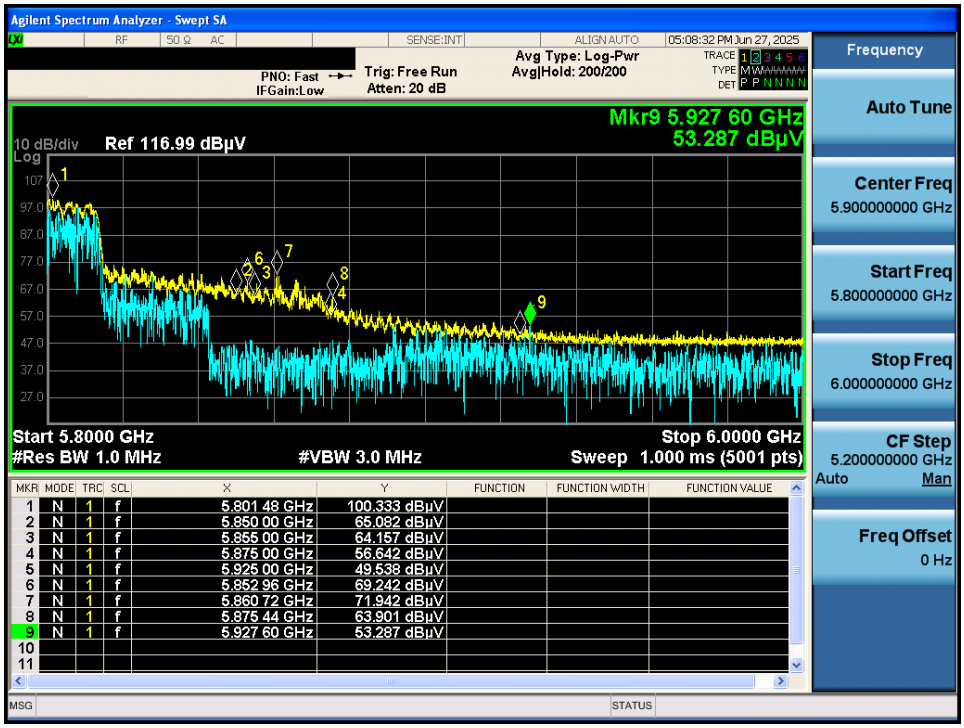
TM 4 & U-NII 2C & 5 530 & Z axis & Ver **Detector Mode : AV**



TM 4 & U-NII 3 & 5 775 & Z axis & Hor **Detector Mode : PK**



TM 4 & U-NII 3 & 5 775 & Z axis & Hor **Detector Mode : PK**



TM 4 & U-NII 3 & 5 775 & Z axis & Ver **Detector Mode : AV**