

TX Frequency (5470-5725MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5500.0414	5500	0.0414	7.5273
		V max (V)	132	5500.0445	5500	0.0445	8.0909
		V min (V)	108	5500.0452	5500	0.0452	8.2182
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5500.0424	5500	0.0424	7.7091
		T (°C)	10	5500.0478	5500	0.0478	8.6909
		T (°C)	20	5500.0453	5500	0.0453	8.2364
		T (°C)	30	5500.0420	5500	0.0420	7.6364
		T (°C)	40	5500.0415	5500	0.0415	7.5455
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5580.0451	5580	0.0451	8.0824
		V max (V)	132	5580.0425	5580	0.0425	7.6165
		V min (V)	108	5580.0482	5580	0.0482	8.6380
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5580.0476	5580	0.0476	8.5305
		T (°C)	10	5580.0439	5580	0.0439	7.8674
		T (°C)	20	5580.0482	5580	0.0482	8.6380
		T (°C)	30	5580.0425	5580	0.0425	7.6165
		T (°C)	40	5580.0445	5580	0.0445	7.9749
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5700.0454	5700	0.0454	7.9649
		V max (V)	132	5700.0475	5700	0.0475	8.3333
		V min (V)	108	5700.0430	5700	0.0430	7.5439
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5700.0451	5700	0.0451	7.9123
		T (°C)	10	5700.0484	5700	0.0484	8.4912
		T (°C)	20	5700.0435	5700	0.0435	7.6316
		T (°C)	30	5700.0419	5700	0.0419	7.3509
		T (°C)	40	5700.0454	5700	0.0454	7.9649
Limits				±20ppm			
Result				Complies			

TX Frequency (5725-5850MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5745.0427	5745	0.0427	7.4326
		V max (V)	132	5745.0446	5745	0.0446	7.7633
		V min (V)	108	5745.0482	5745	0.0482	8.3899
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5745.0424	5745	0.0424	7.3803
		T (°C)	10	5745.0477	5745	0.0477	8.3029
		T (°C)	20	5745.0483	5745	0.0483	8.4073
		T (°C)	30	5745.0421	5745	0.0421	7.3281
		T (°C)	40	5745.0415	5745	0.0415	7.2237
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5785.0458	5785	0.0458	7.9170
		V max (V)	132	5785.0425	5785	0.0425	7.3466
		V min (V)	108	5785.0484	5785	0.0484	8.3665
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5785.0476	5785	0.0476	8.2282
		T (°C)	10	5785.0439	5785	0.0439	7.5886
		T (°C)	20	5785.0442	5785	0.0442	7.6404
		T (°C)	30	5785.0425	5785	0.0425	7.3466
		T (°C)	40	5785.0445	5785	0.0445	7.6923
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5825.0433	5825	0.0433	7.4335
		V max (V)	132	5825.0415	5825	0.0415	7.1245
		V min (V)	108	5825.0437	5825	0.0437	7.5021
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5825.0456	5825	0.0456	7.8283
		T (°C)	10	5825.0484	5825	0.0484	8.3090
		T (°C)	20	5825.0425	5825	0.0425	7.2961
		T (°C)	30	5825.0449	5825	0.0449	7.7082
		T (°C)	40	5825.0454	5825	0.0454	7.7940
Limits				±20ppm			
Result				Complies			

ANT2:

TX Frequency (5150-5250MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5180.0464	5180	0.0464	8.9575
		V max (V)	132	5180.0437	5180	0.0437	8.4363
		V min (V)	108	5180.0465	5180	0.0465	8.9768
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5180.0431	5180	0.0431	8.3205
		T (°C)	10	5180.0475	5180	0.0475	9.1699
		T (°C)	20	5180.0492	5180	0.0492	9.4981
		T (°C)	30	5180.0484	5180	0.0484	9.3436
		T (°C)	40	5180.0444	5180	0.0444	8.5714
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5200.0436	5200	0.0436	8.3846
		V max (V)	132	5200.0422	5200	0.0422	8.1154
		V min (V)	108	5200.0469	5200	0.0469	9.0192
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5200.0424	5200	0.0424	8.1538
		T (°C)	10	5200.0421	5200	0.0421	8.0962
		T (°C)	20	5200.0425	5200	0.0425	8.1731
		T (°C)	30	5200.0428	5200	0.0428	8.2308
		T (°C)	40	5200.0435	5200	0.0435	8.3654
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5240.0432	5240	0.0432	8.2443
		V max (V)	132	5240.0413	5240	0.0413	7.8817
		V min (V)	108	5240.0398	5240	0.0398	7.5954
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5240.0432	5240	0.0432	8.2443
		T (°C)	10	5240.0458	5240	0.0458	8.7405
		T (°C)	20	5240.0429	5240	0.0429	8.1870
		T (°C)	30	5240.0426	5240	0.0426	8.1298
		T (°C)	40	5240.0483	5240	0.0483	9.2176
Limits				±20ppm			
Result				Complies			

TX Frequency (5250-5350MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5260.0464	5260	0.0464	8.8213
		V max (V)	132	5260.0437	5260	0.0437	8.3080
		V min (V)	108	5260.0465	5260	0.0465	8.8403
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5260.0431	5260	0.0431	8.1939
		T (°C)	10	5260.0475	5260	0.0475	9.0304
		T (°C)	20	5260.0492	5260	0.0492	9.3536
		T (°C)	30	5260.0484	5260	0.0484	9.2015
		T (°C)	40	5260.0444	5260	0.0444	8.4411
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5280.0436	5280	0.0436	8.2576
		V max (V)	132	5280.0422	5280	0.0422	7.9924
		V min (V)	108	5280.0469	5280	0.0469	8.8826
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5280.0424	5280	0.0424	8.0303
		T (°C)	10	5280.0421	5280	0.0421	7.9735
		T (°C)	20	5280.0425	5280	0.0425	8.0492
		T (°C)	30	5280.0428	5280	0.0428	8.1061
		T (°C)	40	5280.0435	5280	0.0435	8.2386
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5320.0432	5320	0.0432	8.1203
		V max (V)	132	5320.0413	5320	0.0413	7.7632
		V min (V)	108	5320.0398	5320	0.0398	7.4812
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

	T (°C)	40	5320.0483	5320	0.0483	9.0789
	T (°C)	50	5320.0496	5320	0.0496	9.3233
	T (°C)	60	5320.0483	5320	0.0483	9.0789
	T (°C)	70	5320.0481	5320	0.0481	9.0414
Limits			±20ppm			
Result			Complies			

TX Frequency (5470-5725MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5500.0424	5500	0.0424	7.7091
		V max (V)	132	5500.0445	5500	0.0445	8.0909
		V min (V)	108	5500.0432	5500	0.0432	7.8545
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5500.0424	5500	0.0424	7.7091
		T (°C)	10	5500.0478	5500	0.0478	8.6909
		T (°C)	20	5500.0483	5500	0.0483	8.7818
		T (°C)	30	5500.0420	5500	0.0420	7.6364
		T (°C)	40	5500.0415	5500	0.0415	7.5455
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5580.0458	5580	0.0458	8.2079
		V max (V)	132	5580.0425	5580	0.0425	7.6165
		V min (V)	108	5580.0484	5580	0.0484	8.6738
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5580.0476	5580	0.0476	8.5305
		T (°C)	10	5580.0439	5580	0.0439	7.8674
		T (°C)	20	5580.0442	5580	0.0442	7.9211
		T (°C)	30	5580.0425	5580	0.0425	7.6165
		T (°C)	40	5580.0445	5580	0.0445	7.9749
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5700.0433	5700	0.0433	7.5965
		V max (V)	132	5700.0415	5700	0.0415	7.2807
		V min (V)	108	5700.0437	5700	0.0437	7.6667
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5700.0455	5700	0.0455	7.9825
		T (°C)	10	5700.0484	5700	0.0484	8.4912
		T (°C)	20	5700.0425	5700	0.0425	7.4561
		T (°C)	30	5700.0419	5700	0.0419	7.3509
		T (°C)	40	5700.0454	5700	0.0454	7.9649
Limits				±20ppm			
Result				Complies			

TX Frequency (5725-5850MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5745.0424	5745	0.0424	7.3803
		V max (V)	132	5745.0445	5745	0.0445	7.7459
		V min (V)	108	5745.0432	5745	0.0432	7.5196
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5745.0424	5745	0.0424	7.3803
		T (°C)	10	5745.0478	5745	0.0478	8.3203
		T (°C)	20	5745.0483	5745	0.0483	8.4073
		T (°C)	30	5745.0420	5745	0.0420	7.3107
		T (°C)	40	5745.0415	5745	0.0415	7.2237
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5785.0458	5785	0.0458	7.9170
		V max (V)	132	5785.0425	5785	0.0425	7.3466
		V min (V)	108	5785.0484	5785	0.0484	8.3665
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5785.0476	5785	0.0476	8.2282
		T (°C)	10	5785.0439	5785	0.0439	7.5886
		T (°C)	20	5785.0442	5785	0.0442	7.6404
		T (°C)	30	5785.0425	5785	0.0425	7.3466
		T (°C)	40	5785.0445	5785	0.0445	7.6923
		T (°C)	50	5785.0423	5785	0.0423	7.3120
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5825.0433	5825	0.0433	7.4335
		V max (V)	132	5825.0415	5825	0.0415	7.1245
		V min (V)	108	5825.0437	5825	0.0437	7.5021
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5825.0455	5825	0.0455	7.8112
		T (°C)	10	5825.0484	5825	0.0484	8.3090
		T (°C)	20	5825.0425	5825	0.0425	7.2961
		T (°C)	30	5825.0419	5825	0.0419	7.1931
		T (°C)	40	5825.0454	5825	0.0454	7.7940
Limits				±20ppm			
Result				Complies			

ANT3:
TX Frequency (5150-5250MHz)
Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5180.0464	5180	0.0464	8.9575
		V max (V)	132	5180.0437	5180	0.0437	8.4363
		V min (V)	108	5180.0465	5180	0.0465	8.9768
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5180.0431	5180	0.0431	8.3205
		T (°C)	10	5180.0475	5180	0.0475	9.1699
		T (°C)	20	5180.0492	5180	0.0492	9.4981
		T (°C)	30	5180.0484	5180	0.0484	9.3436
		T (°C)	40	5180.0444	5180	0.0444	8.5714
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5200.0436	5200	0.0436	8.3846
		V max (V)	132	5200.0422	5200	0.0422	8.1154
		V min (V)	108	5200.0469	5200	0.0469	9.0192
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5200.0424	5200	0.0424	8.1538
		T (°C)	10	5200.0421	5200	0.0421	8.0962
		T (°C)	20	5200.0425	5200	0.0425	8.1731
		T (°C)	30	5200.0428	5200	0.0428	8.2308
		T (°C)	40	5200.0435	5200	0.0435	8.3654
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5240.0432	5240	0.0432	8.2443
		V max (V)	132	5240.0413	5240	0.0413	7.8817
		V min (V)	108	5240.0398	5240	0.0398	7.5954
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5240.0432	5240	0.0432	8.2443
		T (°C)	10	5240.0458	5240	0.0458	8.7405
		T (°C)	20	5240.0429	5240	0.0429	8.1870
		T (°C)	30	5240.0426	5240	0.0426	8.1298
		T (°C)	40	5240.0483	5240	0.0483	9.2176
Limits				±20ppm			
Result				Complies			

TX Frequency (5250-5350MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5260.0464	5260	0.0464	8.8213
		V max (V)	132	5260.0437	5260	0.0437	8.3080
		V min (V)	108	5260.0465	5260	0.0465	8.8403
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5260.0431	5260	0.0431	8.1939
		T (°C)	10	5260.0475	5260	0.0475	9.0304
		T (°C)	20	5260.0492	5260	0.0492	9.3536
		T (°C)	30	5260.0484	5260	0.0484	9.2015
		T (°C)	40	5260.0444	5260	0.0444	8.4411
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5280.0436	5280	0.0436	8.2576
		V max (V)	132	5280.0422	5280	0.0422	7.9924
		V min (V)	108	5280.0469	5280	0.0469	8.8826
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5280.0424	5280	0.0424	8.0303
		T (°C)	10	5280.0421	5280	0.0421	7.9735
		T (°C)	20	5280.0425	5280	0.0425	8.0492
		T (°C)	30	5280.0428	5280	0.0428	8.1061
		T (°C)	40	5280.0435	5280	0.0435	8.2386
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5320.0432	5320	0.0432	8.1203
		V max (V)	132	5320.0413	5320	0.0413	7.7632
		V min (V)	108	5320.0398	5320	0.0398	7.4812
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5320.0432	5320	0.0432	8.1203
		T (°C)	10	5320.0458	5320	0.0458	8.6090
		T (°C)	20	5320.0429	5320	0.0429	8.0639
		T (°C)	30	5320.0426	5320	0.0426	8.0075
		T (°C)	40	5320.0483	5320	0.0483	9.0789
Limits				±20ppm			
Result				Complies			

TX Frequency (5470-5725MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5500.0424	5500	0.0424	7.7091
		V max (V)	132	5500.0445	5500	0.0445	8.0909
		V min (V)	108	5500.0432	5500	0.0432	7.8545
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5500.0424	5500	0.0424	7.7091
		T (°C)	10	5500.0478	5500	0.0478	8.6909
		T (°C)	20	5500.0483	5500	0.0483	8.7818
		T (°C)	30	5500.0420	5500	0.0420	7.6364
		T (°C)	40	5500.0415	5500	0.0415	7.5455
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5580.0458	5580	0.0458	8.2079
		V max (V)	132	5580.0425	5580	0.0425	7.6165
		V min (V)	108	5580.0484	5580	0.0484	8.6738
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5580.0476	5580	0.0476	8.5305
		T (°C)	10	5580.0439	5580	0.0439	7.8674
		T (°C)	20	5580.0442	5580	0.0442	7.9211
		T (°C)	30	5580.0425	5580	0.0425	7.6165
		T (°C)	40	5580.0445	5580	0.0445	7.9749
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5700.0433	5700	0.0433	7.5965
		V max (V)	132	5700.0415	5700	0.0415	7.2807
		V min (V)	108	5700.0437	5700	0.0437	7.6667
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5700.0455	5700	0.0455	7.9825
		T (°C)	10	5700.0484	5700	0.0484	8.4912
		T (°C)	20	5700.0425	5700	0.0425	7.4561
		T (°C)	30	5700.0419	5700	0.0419	7.3509
		T (°C)	40	5700.0454	5700	0.0454	7.9649
Limits				±20ppm			
Result				Complies			

TX Frequency (5725-5850MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5745.0424	5745	0.0424	7.3803
		V max (V)	132	5745.0445	5745	0.0445	7.7459
		V min (V)	108	5745.0432	5745	0.0432	7.5196
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5745.0424	5745	0.0424	7.3803
		T (°C)	10	5745.0478	5745	0.0478	8.3203
		T (°C)	20	5745.0483	5745	0.0483	8.4073
		T (°C)	30	5745.0420	5745	0.0420	7.3107
		T (°C)	40	5745.0415	5745	0.0415	7.2237
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5785.0458	5785	0.0458	7.9170
		V max (V)	132	5785.0425	5785	0.0425	7.3466
		V min (V)	108	5785.0484	5785	0.0484	8.3665
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5785.0476	5785	0.0476	8.2282
		T (°C)	10	5785.0439	5785	0.0439	7.5886
		T (°C)	20	5785.0442	5785	0.0442	7.6404
		T (°C)	30	5785.0425	5785	0.0425	7.3466
		T (°C)	40	5785.0445	5785	0.0445	7.6923
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5825.0433	5825	0.0433	7.4335
		V max (V)	132	5825.0415	5825	0.0415	7.1245
		V min (V)	108	5825.0437	5825	0.0437	7.5021
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5825.0455	5825	0.0455	7.8112
		T (°C)	10	5825.0484	5825	0.0484	8.3090
		T (°C)	20	5825.0425	5825	0.0425	7.2961
		T (°C)	30	5825.0419	5825	0.0419	7.1931
		T (°C)	40	5825.0454	5825	0.0454	7.7940
Limits				±20ppm			
Result				Complies			

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TX Frequency (5150-5250MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5180.0464	5180	0.0464	8.9575
		V max (V)	132	5180.0437	5180	0.0437	8.4363
		V min (V)	108	5180.0465	5180	0.0465	8.9768
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5180.0431	5180	0.0431	8.3205
		T (°C)	10	5180.0475	5180	0.0475	9.1699
		T (°C)	20	5180.0492	5180	0.0492	9.4981
		T (°C)	30	5180.0484	5180	0.0484	9.3436
		T (°C)	40	5180.0444	5180	0.0444	8.5714
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5200.0436	5200	0.0436	8.3846
		V max (V)	132	5200.0422	5200	0.0422	8.1154
		V min (V)	108	5200.0469	5200	0.0469	9.0192
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5200.0424	5200	0.0424	8.1538
		T (°C)	10	5200.0421	5200	0.0421	8.0962
		T (°C)	20	5200.0425	5200	0.0425	8.1731
		T (°C)	30	5200.0428	5200	0.0428	8.2308
		T (°C)	40	5200.0435	5200	0.0435	8.3654
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5240.0432	5240	0.0432	8.2443
		V max (V)	132	5240.0413	5240	0.0413	7.8817
		V min (V)	108	5240.0398	5240	0.0398	7.5954
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5240.0432	5240	0.0432	8.2443
		T (°C)	10	5240.0458	5240	0.0458	8.7405
		T (°C)	20	5240.0429	5240	0.0429	8.1870
		T (°C)	30	5240.0426	5240	0.0426	8.1298
		T (°C)	40	5240.0483	5240	0.0483	9.2176
Limits				±20ppm			
Result				Complies			

TX Frequency (5250-5350MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5260.0464	5260	0.0464	8.8213
		V max (V)	132	5260.0437	5260	0.0437	8.3080
		V min (V)	108	5260.0465	5260	0.0465	8.8403
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5260MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5260.0431	5260	0.0431	8.1939
		T (°C)	10	5260.0475	5260	0.0475	9.0304
		T (°C)	20	5260.0492	5260	0.0492	9.3536
		T (°C)	30	5260.0484	5260	0.0484	9.2015
		T (°C)	40	5260.0444	5260	0.0444	8.4411
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5280.0436	5280	0.0436	8.2576
		V max (V)	132	5280.0422	5280	0.0422	7.9924
		V min (V)	108	5280.0469	5280	0.0469	8.8826
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5280MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5280.0424	5280	0.0424	8.0303
		T (°C)	10	5280.0421	5280	0.0421	7.9735
		T (°C)	20	5280.0425	5280	0.0425	8.0492
		T (°C)	30	5280.0428	5280	0.0428	8.1061
		T (°C)	40	5280.0435	5280	0.0435	8.2386
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5320.0432	5320	0.0432	8.1203
		V max (V)	132	5320.0413	5320	0.0413	7.7632
		V min (V)	108	5320.0398	5320	0.0398	7.4812
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5320MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5320.0432	5320	0.0432	8.1203
		T (°C)	10	5320.0458	5320	0.0458	8.6090
		T (°C)	20	5320.0429	5320	0.0429	8.0639
		T (°C)	30	5320.0426	5320	0.0426	8.0075
		T (°C)	40	5320.0483	5320	0.0483	9.0789
Limits				±20ppm			
Result				Complies			

TX Frequency (5470-5725MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5500.0424	5500	0.0424	7.7091
		V max (V)	132	5500.0445	5500	0.0445	8.0909
		V min (V)	108	5500.0432	5500	0.0432	7.8545
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5500MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5500.0424	5500	0.0424	7.7091
		T (°C)	10	5500.0478	5500	0.0478	8.6909
		T (°C)	20	5500.0483	5500	0.0483	8.7818
		T (°C)	30	5500.0420	5500	0.0420	7.6364
		T (°C)	40	5500.0415	5500	0.0415	7.5455
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5580.0458	5580	0.0458	8.2079
		V max (V)	132	5580.0425	5580	0.0425	7.6165
		V min (V)	108	5580.0484	5580	0.0484	8.6738
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5580MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5580.0476	5580	0.0476	8.5305
		T (°C)	10	5580.0439	5580	0.0439	7.8674
		T (°C)	20	5580.0442	5580	0.0442	7.9211
		T (°C)	30	5580.0425	5580	0.0425	7.6165
		T (°C)	40	5580.0445	5580	0.0445	7.9749
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5700.0431	5700	0.0431	7.5614
		V max (V)	132	5700.0415	5700	0.0415	7.2807
		V min (V)	108	5700.0437	5700	0.0437	7.6667
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5700MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5700.0455	5700	0.0455	7.9825
		T (°C)	10	5700.0484	5700	0.0484	8.4912
		T (°C)	20	5700.0425	5700	0.0425	7.4561
		T (°C)	30	5700.0419	5700	0.0419	7.3509
		T (°C)	40	5700.0454	5700	0.0454	7.9649
Limits				±20ppm			
Result				Complies			

TX Frequency (5725-5850MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5745.0484	5745	0.0484	8.4247
		V max (V)	132	5745.0445	5745	0.0445	7.7459
		V min (V)	108	5745.0452	5745	0.0452	7.8677
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5745.0424	5745	0.0424	7.3803
		T (°C)	10	5745.0477	5745	0.0477	8.3029
		T (°C)	20	5745.0483	5745	0.0483	8.4073
		T (°C)	30	5745.0420	5745	0.0420	7.3107
		T (°C)	40	5745.0415	5745	0.0415	7.2237
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5785.0458	5785	0.0458	7.9170
		V max (V)	132	5785.0425	5785	0.0425	7.3466
		V min (V)	108	5785.0484	5785	0.0484	8.3665
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5785.0476	5785	0.0476	8.2282
		T (°C)	10	5785.0490	5785	0.0490	8.4702
		T (°C)	20	5785.0442	5785	0.0442	7.6404
		T (°C)	30	5785.0425	5785	0.0425	7.3466
		T (°C)	40	5785.0445	5785	0.0445	7.6923
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	120	5825.0453	5825	0.0453	7.7768
		V max (V)	132	5825.0419	5825	0.0419	7.1931
		V min (V)	108	5825.0457	5825	0.0457	7.8455
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency: 5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	120	T (°C)	0	5825.0455	5825	0.0455	7.8112
		T (°C)	10	5825.0487	5825	0.0487	8.3674
		T (°C)	20	5825.0425	5825	0.0425	7.2961
		T (°C)	30	5825.0419	5825	0.0419	7.1931
		T (°C)	40	5825.0458	5825	0.0458	7.8627
Limits				±20ppm			
Result				Complies			

13. OPERATION IN THE ABSENCE OF INFORMATION TO THE TRANSMIT

13.1 Requirement

15.407(c) requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signal ling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

13.2 Test Results

Operation in the absence of information to the transmit:

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of WLAN message transmitting from remote device and verify whether it shall reconnect. (manufacturer declare)

14. ANTENNA REQUIREMENT

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

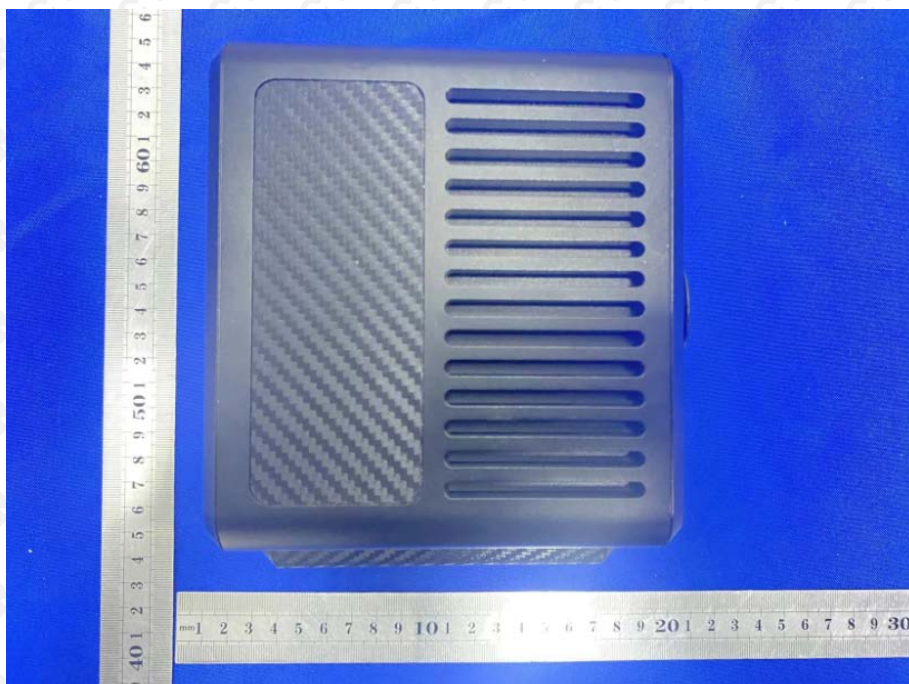
The antenna is Internal Antenna and no consideration of replacement. The best case gain of the antenna is 1.0dBi.

15. EUT PHOTOGRAPHS

EUT Photo 1



EUT Photo 2



16. EUT TEST SETUP PHOTOGRAPHS

Radiated Emission

Below 1G



Above 1G



Conducted Emission



***** END OF REPORT *****